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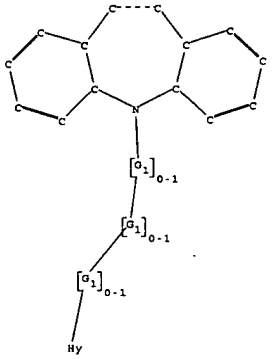
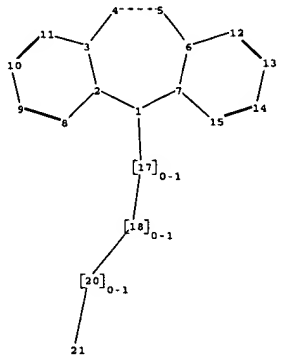


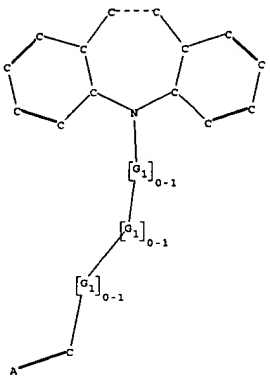


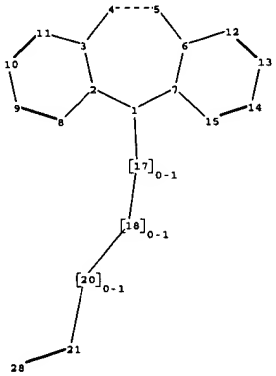
chain nodes :
17 18 20 21
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
chain bonds :
1-17 17-18 18-20 20-21
ring bonds :
1-2 1-7 2-3 2-8 3-4 3-11 4-5 5-6 6-7 6-12 7-15 8-9 9-10 10-11 12-13 13-14
14-15
exact/norm bonds :
1-2 1-7 1-17 2-3 2-8 3-4 3-11 4-5 5-6 6-7 6-12 7-15 8-9 9-10 10-11 12-13
13-14 14-15 17-18 18-20 20-21

G1:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 17:CLASS 18:CLASS 20:CLASS 21:Atom

C:\Program Files\Stnexp\Queries\09890112.str





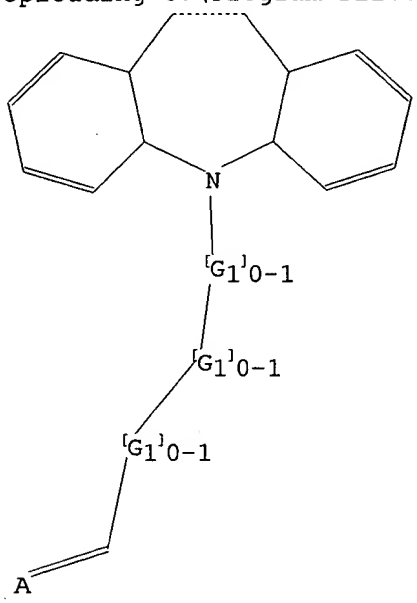
chain nodes :
17 18 20
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 21 28
chain bonds :
1-17 17-18 18-20 20-21
ring bonds :
1-2 1-7 2-3 2-8 3-4 3-11 4-5 5-6 6-7 6-12 7-15 8-9 9-10 10-11 12-13 13-14
14-15 21-28
exact/norm bonds :
1-2 1-7 1-17 4-5 17-18 18-20 20-21 21-28
exact bonds :
2-3 2-8 3-4 3-11 5-6 6-7 6-12 7-15 8-9 9-10 10-11 12-13 13-14 14-15
isolated ring systems :
containing 1 :

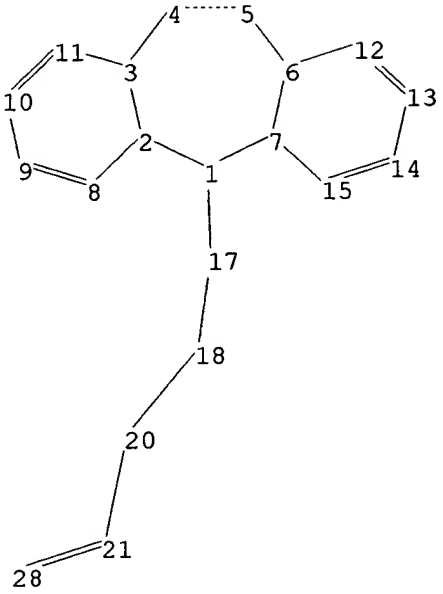
G1:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 17:CLASS 18:CLASS 20:CLASS 21:Atom 28:Atom

FILE 'REGISTRY' ENTERED AT 11:13:31 ON 15 FEB 2003

Uploading C:\Program Files\Stnexp\Queries\09890112.str





chain nodes :
17 18 20
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 21 28
chain bonds :
1-17 17-18 18-20 20-21
ring bonds :
1-2 1-7 2-3 2-8 3-4 3-11 4-5 5-6 6-7 6-12 7-15 8-9 9-10 10-11 12-13
13-14 14-15 21-28
exact/norm bonds :
1-2 1-7 1-17 2-3 2-8 3-4 3-11 4-5 5-6 6-7 6-12 7-15 8-9 9-10 10-11
12-13 13-14 14-15 17-18 18-20 20-21 21-28

G1:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 17:CLASS 18:CLASS 20:CLASS 21:Atom
28:Atom

L1 STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 11:13:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 26696 TO ITERATE

3.7% PROCESSED 1000 ITERATIONS 7 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 524173 TO 543667
PROJECTED ANSWERS: 2917 TO 4557

L2 7 SEA SSS SAM L1

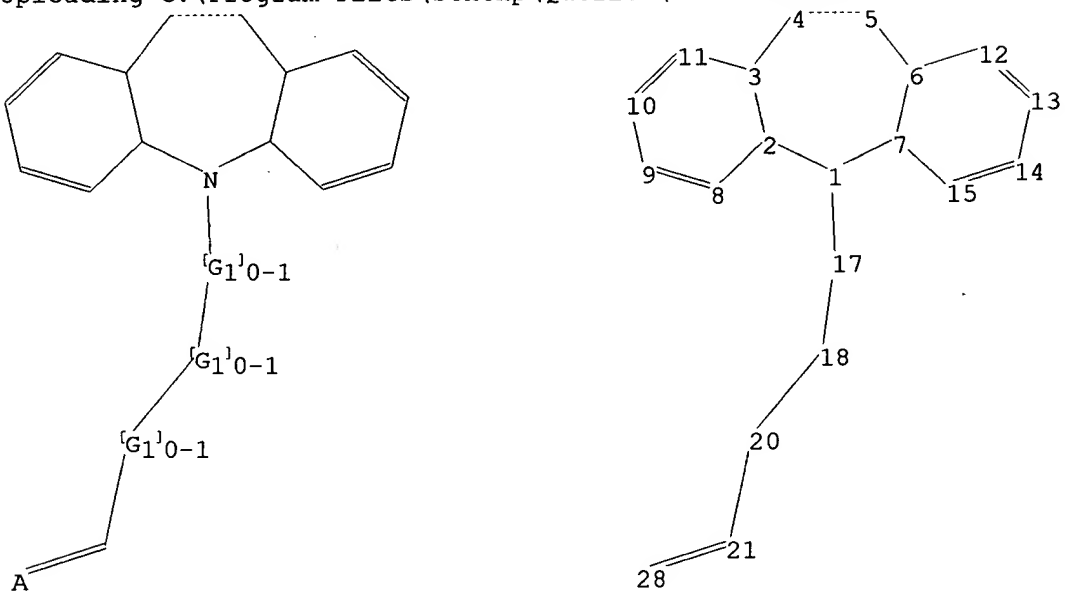
=> s l1 sss full
FULL SEARCH INITIATED 11:14:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 532296 TO ITERATE

75.1% PROCESSED 400000 ITERATIONS 800 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.14

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 532296 TO 532296
PROJECTED ANSWERS: 967 TO 1161

L3 800 SEA SSS FUL L1

=>
Uploading C:\Program Files\Stnexp\Queries\09890112.str



chain nodes :
17 18 20
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 21 28
chain bonds :
1-17 17-18 18-20 20-21
ring bonds :
1-2 1-7 2-3 2-8 3-4 3-11 4-5 5-6 6-7 6-12 7-15 8-9 9-10 10-11 12-13
13-14 14-15 21-28
exact/norm bonds :
1-2 1-7 1-17 2-3 2-8 3-4 3-11 4-5 5-6 6-7 6-12 7-15 8-9 9-10 10-11
12-13 13-14 14-15 17-18 18-20 20-21 21-28

G1:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 17:CLASS 18:CLASS 20:CLASS 21:Atom
28:Atom

```
=> s l4 subset = l3 full
FULL SUBSET SEARCH INITIATED 11:16:31 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -     800 TO ITERATE

100.0% PROCESSED     800 ITERATIONS                                  90 ANSWERS
SEARCH TIME: 00.00.01

L5            90 SEA SUB=L3 SSS FUL L4

=> s l6 subset = l3 full
FULL SUBSET SEARCH INITIATED 11:18:18 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -     800 TO ITERATE

100.0% PROCESSED     800 ITERATIONS                                  90 ANSWERS
SEARCH TIME: 00.00.01

L7            90 SEA SUB=L3 SSS FUL L6


FILE 'CAOLD' ENTERED AT 11:18:47 ON 15 FEB 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE 'CAPLUS' ENTERED AT 11:18:47 ON 15 FEB 2003
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COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l7
L8            52 L7

=> sort py l8
SORT ENTIRE ANSWER SET? (Y)/N:.
              2 ANSWERS DID NOT HAVE 'PY' SORT FIELD
PROCESSING COMPLETED FOR L8
L9            52 SORT L8 PY


=> d l9 cbib pi fhitstr 1-52
```

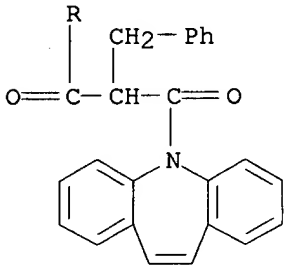
L9 ANSWER 1 OF 52 CAPLUS COPYRIGHT 2003 ACS

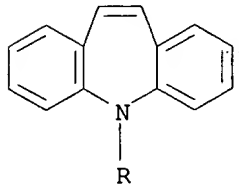
1962:38491 Document No. 56:38491 Original Reference No. 56:7310c-i,7311a-d
Synthesis of heterocycles. XXXII. Condensed N heterocycles. Ziegler, E.; Junek, H.; Noelken, E.; Gelfert, K.; Salvador, R. (Univ. Graz, Austria). Monatsh. Chem., 92, 814-19 (Unavailable) 1961.

IT **98947-59-2**, 5H-Dibenz[b,f]azepine, 5,5'-(benzylmalonyl)bis- (preparation of)

RN 98947-59-2 CAPLUS

CN 5H-Dibenz[b,f]azepine, 5,5'-(benzylmalonyl)bis- (7CI) (CA INDEX NAME)





L9 ANSWER 2 OF 52 CAPLUS COPYRIGHT 2003 ACS

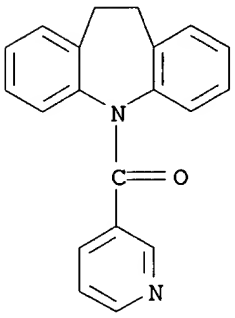
1964:425346 Document No. 61:25346 Original Reference No. 61:4328c-f Basic substituted dibenzyls. Mueslin, Louis; Schindler, Walter; Haeflinger, Franz (J. R. Geigy A.-G.). CH 372675 19631214, 2 pp. (Unavailable).
APPLICATION: CH 19580723.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CH 372675		19631214	CH	19580723

IT **94542-58-2**, 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-nicotinoyl- (preparation of)

RN 94542-58-2 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-nicotinoyl- (7CI) (CA INDEX NAME)



L9 ANSWER 3 OF 52 CAPLUS COPYRIGHT 2003 ACS

1984:206160 Document No. 100:206160 Fluorescent polarization immunoassay utilizing substituted triazinylaminofluoresceins. Wang, Chao Huei J.; Stroupe, Stephen D.; Jolley, Michael E. (Abbott Laboratories, USA). U.S. US 4420568 A 19831213, 3,553, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1981-325872 19811130. PRIORITY: US 1980-173553 19800730.

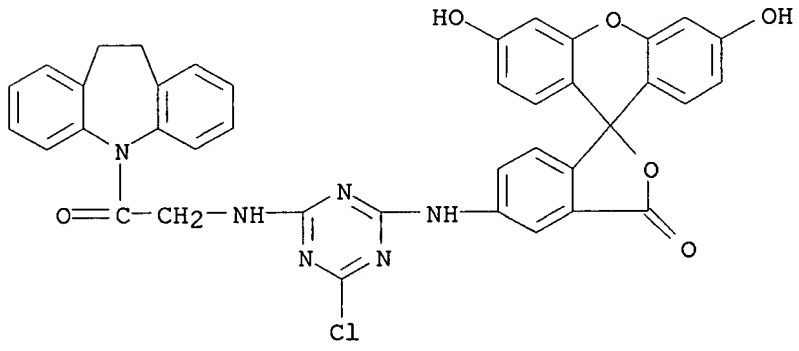
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4420568	A	19831213	US 1981-325872	19811130
	CA 1160626	A1	19840117	CA 1981-379747	19810615
	GB 2081257	A	19820217	GB 1981-18754	19810618
	GB 2081257	B2	19841107		
	AU 8172036	A1	19820204	AU 1981-72036	19810622
	AU 554360	B2	19860821		
	SE 8104227	A	19820131	SE 1981-4227	19810707
	DE 3129705	A1	19820527	DE 1981-3129705	19810728
	DE 3129705	C2	19880310		
	BE 889788	A1	19820129	BE 1981-205525	19810729
	JP 57058695	A2	19820408	JP 1981-118573	19810730
	US 4492762	A	19850108	US 1982-393577	19820630
	US 4593089	A	19860603	US 1983-546778	19831031
	US 4420568	B1	19851217	US 1984-90000617	19840824
	US 4492762	B1	19910813	US 1987-90001162	19870206
	US 5097097	A	19920317	US 1989-376190	19890630

IT **90275-50-6P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 90275-50-6 CAPLUS

CN 5H-Dibenz[b,f]azepine, 5-[[[4-chloro-6-[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]-1,3,5-triazin-2-yl]amino]acetyl]-10,11-dihydro- (9CI) (CA INDEX NAME)



L9 ANSWER 4 OF 52 CAPLUS COPYRIGHT 2003 ACS

1984:17500 Document No. 100:17500 Specific and potent interactions of carbamazepine with brain adenosine receptors. Marangos, Paul J.; Post, Robert M.; Patel, Jitendra; Zander, Karl; Parma, Alexandra; Weiss, Susan (Sect. Histopharmacol., Natl. Inst. Ment. Health, Bethesda, MD, 20205, USA). European Journal of Pharmacology, 93(3-4), 175-82 (English) 1983. CODEN: EJPHAZ. ISSN: 0014-2999.

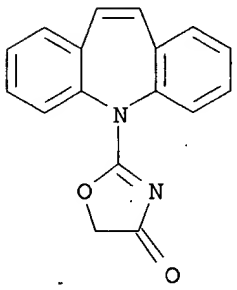
IT **88265-32-1**

RL: BIOL (Biological study)

(adenosine and benzodiazepine receptors of brain interaction with)

RN 88265-32-1 CAPLUS

CN 4(5H)-Oxazolone, 2-(5H-dibenz[b,f]azepin-5-yl)- (9CI) (CA INDEX NAME)



L9 ANSWER 5 OF 52 CAPLUS COPYRIGHT 2003 ACS

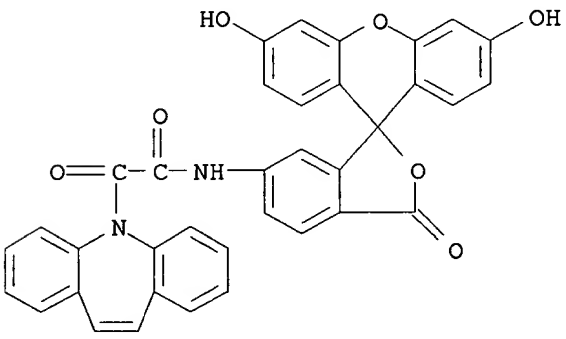
1983:554812 Document No. 99:154812 Fluorescein derivatives and fluorescence polarization immunoassay methods. Wang, Chao Huei Jeffrey; Stroupe, Stephen Denham; Jolley, Michael Ernest (Abbott Laboratories, USA). Ger. Offen. DE 3245854 A1 19830623, 53 pp. (German). CODEN: GWXXBX.
APPLICATION: DE 1982-3245854 19821210. PRIORITY: US 1981-329975 19811211.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3245854	A1	19830623	DE 1982-3245854	19821210
	DE 3245854	C2	19961114		
	CA 1248086	A1	19890103	CA 1982-416022	19821119
	GB 2111491	A1	19830706	GB 1982-33403	19821123
	GB 2111491	B2	19850821		
	AU 8290880	A1	19830616	AU 1982-90880	19821125
	AU 558800	B2	19870212		
	FR 2518096	A1	19830617	FR 1982-20591	19821208
	FR 2518096	B1	19851206		
	BE 895300	A1	19830609	BE 1982-209695	19821209
	JP 58113189	A2	19830705	JP 1982-214749	19821209
	US 4585862	A	19860429	US 1984-577946	19840208
	US 4952691	A	19900828	US 1990-466557	19900117
	US 5391740	A	19950221	US 1993-44927	19930408

IT **87179-54-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, for fluorescence polarization immunoassay)

RN 87179-54-2 CAPLUS

CN 5H-Dibenz[b,f]azepine-5-acetamide, N-(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-6-yl)-α-oxo- (9CI) (CA INDEX NAME)



L9 ANSWER 6 OF 52 CAPLUS COPYRIGHT 2003 ACS

1985:179062 Document No. 102:179062 Fluorescent polarization immunoassays for drugs. Wang, Chao Huei J.; Stroupe, Stephen D.; Jolley, Michael E. (Abbott Laboratories, USA). U.S. US 4492762 A 19850108, 4 pp. Cont.-in-part of U.S. Ser. No. 329,974. (English). CODEN: USXXAM. APPLICATION: US 1982-393577 19820630. PRIORITY: US 1980-173553 19800730; US 1981-235259 19810217; US 1981-325872 19811130; US 1981-329975 19811211; US 1981-329974 19811211.

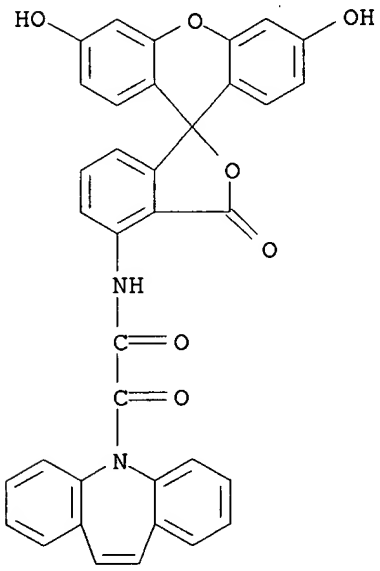
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4492762	A	19850108	US 1982-393577	19820630
	US 4420568	A	19831213	US 1981-325872	19811130
	US 5066426	A	19911119	US 1984-644172	19840823
	US 4492762	B1	19910813	US 1987-90001162	19870206
	US 4952691	A	19900828	US 1990-466557	19900117
	US 5391740	A	19950221	US 1993-44927	19930408

IT **96053-95-1P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, for fluorescence polarization immunoassay)

RN 96053-95-1 CAPLUS

CN 5H-Dibenz[b,f]azepine-5-acetamide, N-(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-4-yl)-α-oxo- (9CI) (CA INDEX NAME)



L9 ANSWER 7 OF 52 CAPLUS COPYRIGHT 2003 ACS

1987:18386 Document No. 106:18386 Microbicidal dibenzazoles. Fischer, Hanspeter; Buergin, Walter (Ciba-Geigy A.-G., Switz.). Patentschrift (Switz.) CH 653675 A 19860115, 10 pp. (German). CODEN: SWXXAS. APPLICATION: CH 1983-2871 19830526.

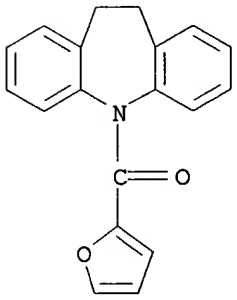
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CH 653675	A	19860115	CH 1983-2871	19830526

IT **105925-96-0P**

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as agricultural fungicide)

RN 105925-96-0 CAPLUS

CN 5H-Dibenz[b,f]azepine, 5-(2-furanylcarbonyl)-10,11-dihydro- (9CI) (CA INDEX NAME)



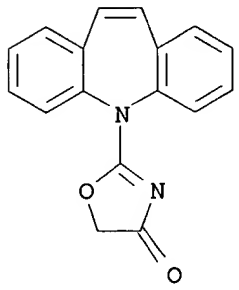
L9 ANSWER 8 OF 52 CAPLUS COPYRIGHT 2003 ACS

1987:433067 Document No. 107:33067 Site of anticonvulsant action on sodium channels: autoradiographic and electrophysiological studies in rat brain. Worley, Paul F.; Baraban, Jay M. (Sch. Med., Johns Hopkins Univ., Baltimore, MD, 21205, USA). Proceedings of the National Academy of Sciences of the United States of America, 84(9), 3051-5 (English) 1987. CODEN: PNASA6. ISSN: 0027-8424.

IT **88265-32-1**
RL: BIOL (Biological study)
(sodium channels and synaptic transmission in brain response to)

RN 88265-32-1 CAPLUS

CN 4(5H)-Oxazolone, 2-(5H-dibenz[b,f]azepin-5-yl)- (9CI) (CA INDEX NAME)



L9 ANSWER 9 OF 52 CAPLUS COPYRIGHT 2003 ACS

1989:423402 Document No. 111:23402 Heterocyclylmethylquinolines lipid peroxidation inhibitors and their preparation. Kihara, Noriaki; Tomino, Ikuo; Tan, Hiroaki; Ishihara, Takafumi (Mitsui Petrochemical Industries, Ltd., Japan). Eur. Pat. Appl. EP 289365 A2 19881102, 22 pp. DESIGNATED STATES: R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1988-303980 19880503. PRIORITY: JP 1987-104753 19870430.

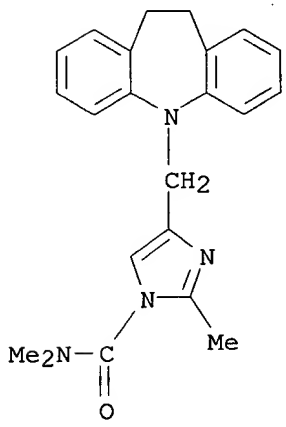
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 289365	A2	19881102	EP 1988-303980	19880503
	EP 289365	A3	19900606		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 63270678	A2	19881108	JP 1987-104753	19870430
	JP 05044942	B4	19930707		
	US 4962200	A	19901009	US 1988-188219	19880429
	CN 88102448	A	19881116	CN 1988-102448	19880430

IT **121278-77-1P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as lipid peroxidn. inhibitor)

RN 121278-77-1 CAPLUS

CN 1H-Imidazole-1-carboxamide, 4-[(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)methyl]-N,N,2-trimethyl- (9CI) (CA INDEX NAME)



L9 ANSWER 10 OF 52 CAPLUS COPYRIGHT 2003 ACS

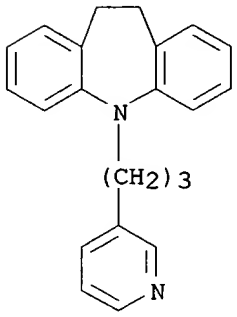
1991:408698 Document No. 115:8698 Potential antitumor agents. XVIII. Synthesis and cytotoxic activity of phenothiazine derivatives. Andreani, A.; Rambaldi, M.; Locatelli, A.; Aresca, P.; Bossa, R.; Galatulas, I. (Dip. Sci. Farm., Univ. Bologna, Bologna, 40126, Italy). European Journal of Medicinal Chemistry, 26(1), 113-16 (English) 1991. CODEN: EJMCA5. ISSN: 0223-5234. OTHER SOURCES: CASREACT 115:8698.

IT **134266-18-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and antitumor and inotropic activity of)

RN 134266-18-5 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-[3-(3-pyridinyl)propyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 11 OF 52 CAPLUS COPYRIGHT 2003 ACS

1993:472604 Document No. 119:72604 Imidazole compounds, their preparation and use. Moldt, Peter; Nielsen, Elsebet O. (Neurosearch A/S, Den.). Can. Pat. Appl. CA 2069144 AA 19921124, 28 pp. (English). CODEN: CPXXEB. APPLICATION: CA 1992-2069144 19920521. PRIORITY: US 1991-704469 19910523.

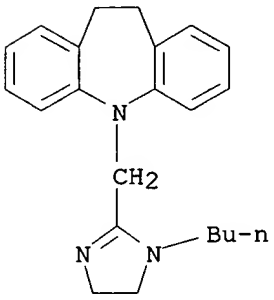
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2069144	AA	19921124	CA 1992-2069144	19920521
	US 5296493	A	19940322	US 1991-704469	19910523

IT **148243-23-6P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 148243-23-6 CAPLUS

CN 5H-Dibenz[b,f]azepine, 5-[(1-butyl-4,5-dihydro-1H-imidazol-2-yl)methyl]-10,11-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

L9 ANSWER 12 OF 52 CAPLUS COPYRIGHT 2003 ACS

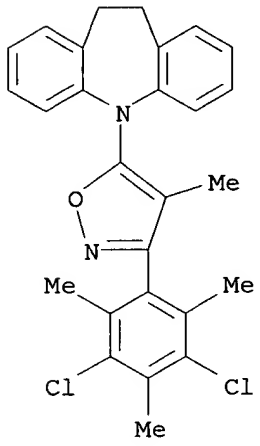
1994:134344 Document No. 120:134344 Site selectivity and regioselectivity of nitrile oxide cycloadditions to N,N-diarylaminoallenes. Broggini, Gianluigi; Molteni, Giorgio; Zecchi, Gaetano (Dip. Chim. Org. Ind., Univ. Milano, Milan, 20133, Italy). Journal of Chemical Research, Synopses (6), 203 (English) 1993. CODEN: JRPSDC. ISSN: 0308-2342. OTHER SOURCES: CASREACT 120:134344.

IT **152700-52-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 152700-52-2 CAPLUS

CN 5H-Dibenz[b,f]azepine, 5-[3-(3,5-dichloro-2,4,6-trimethylphenyl)-4-methyl-5-isoxazolyl]-10,11-dihydro- (9CI) (CA INDEX NAME)



L9 ANSWER 13 OF 52 CAPLUS COPYRIGHT 2003 ACS

1993:649955 Document No. 119:249955 Tricyclic heterocyclic compounds as angiotensin II receptor antagonists. Ohshima, Etsuo; Kanai, Fumihiko; Sato, Hideyuki; Obase, Hiroyuki; Kumazawa, Toshiaki; Takahara, Shiho; Ohno, Tetsuji; Ishikawa, Tomoko; Yamada, Koji (Kyowa Hakko Kogyo Co., Ltd., Japan). Eur. Pat. Appl. EP 549352 A2 19930630, 72 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1992-311777 19921224. PRIORITY: JP 1991-347294 19911227.

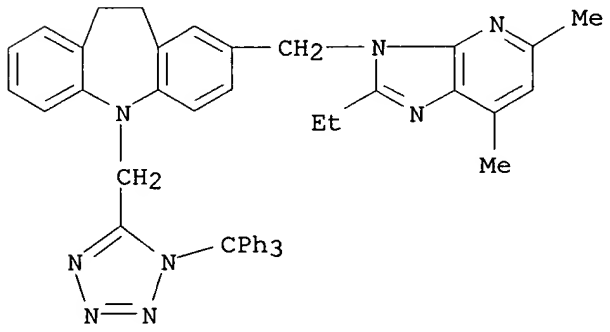
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 549352	A2	19930630	EP 1992-311777	19921224
	EP 549352	A3	19930728		
	EP 549352	B1	20000301		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 06228065	A2	19940816	JP 1992-344117	19921224
	JP 2526005	B2	19960821		
	AT 190058	E	20000315	AT 1992-311777	19921224
	ES 2142817	T3	20000501	ES 1992-311777	19921224

IT **150802-44-1P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and angiotensin II receptor antagonist activity of, reaction of)

RN 150802-44-1 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-[[1-(triphenylmethyl)-1H-tetrazol-5-yl]methyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 14 OF 52 CAPLUS COPYRIGHT 2003 ACS

1995:657621 Document No. 123:55878 Preparation of N-phenyl-4-(heterocyclylmethyl)aniline and (heterocyclylmethyl)dibenz[b,f]azepine derivatives. Mori, Shinichiro; Nakajo, Iwao; Ogasa, Takehiro; Kasai, Masaji; Tomioka, Shinji; Ooshima, Etsuo; Kanai, Fumihiko; Kumazawa, Toshiaki (Kyowa Hakko Kogyo Kk, Japan). Jpn. Kokai Tokkyo Koho JP 07061983 A2 19950307 Heisei, 17 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1993-210419 19930825.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07061983	A2	19950307	JP 1993-210419	19930825

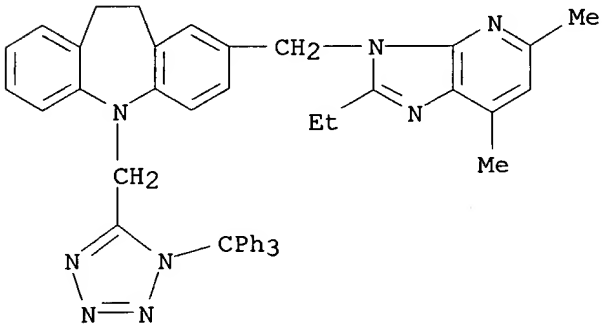
IT **150802-44-1P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate for preparation of N-phenyl-p-(heterocyclylmethyl)aniline and (heterocyclylmethyl)dibenzazepine derivs. as angiotensin II receptor antagonists)

RN 150802-44-1 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-[[1-(triphenylmethyl)-1H-tetrazol-5-yl]methyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 15 OF 52 CAPLUS COPYRIGHT 2003 ACS

1995:331663 Document No. 123:256741 Tricyclic compounds as antagonists of angiotensin II receptors. Ohshima, Etsuo; Kanai, Fumihiko; Sato, Hideyuki; Obase, Hiroyuki; Kumazawa, Toshiaki; Takahara, Shiho; Ohno, Tetsuji; Ishikawa, Tomoko; Yamada, Koji (Kyowa Hakko Kogyo Co., Ltd., Japan). U.S. US 5378701 A 19950103, 44 pp. Cont.-in-part of U.S. Ser. No. 996,694, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1993-65916 19930525. PRIORITY: JP 1991-347294 19911227; US 1992-996694 19921224.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5378701	A	19950103	US 1993-65916	19930525
	US 5478840	A	19951226	US 1994-294978	19940824
	US 5607955	A	19970304	US 1995-431425	19950501

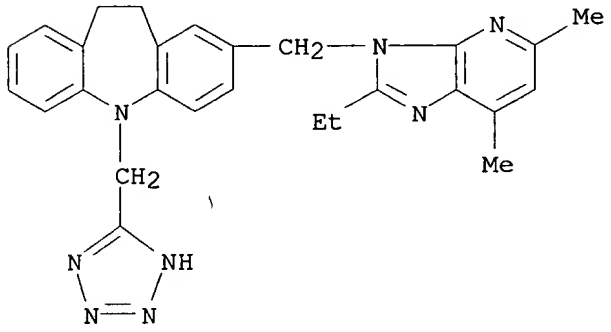
IT **150802-50-9P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(tricyclic compds. as antagonists of angiotensin II receptors)

RN 150802-50-9 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 16 OF 52 CAPLUS COPYRIGHT 2003 ACS

1997:168548 Document No. 126:152804 Spironolactone or other epoxy-free spirolactone-type aldosterone receptor antagonist in combination with angiotensin II antagonist for treatment of circulatory and cardiovascular disorders, including congestive heart failure. Maclaughlan, Todd E.; Schuh, Joseph R. (G.D. Searle & Co., USA; Maclaughlan, Todd E.; Schuh, Joseph R.). PCT Int. Appl. WO 9640258 A2 19961219, 210 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US9342 19960605. PRIORITY: US 1995-486089 19950607.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640258	A2	19961219	WO 1996-US9342	19960605
	WO 9640258	A3	19970123		
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA				
	CA 2224222	AA	19961219	CA 1996-2224222	19960605
	AU 9661580	A1	19961230	AU 1996-61580	19960605
	EP 831911	A2	19980401	EP 1996-919173	19960605
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	CN 1192696	A	19980909	CN 1996-196086	19960605
	BR 9608505	A	19990706	BR 1996-8505	19960605
	JP 11509838	T2	19990831	JP 1996-501683	19960605
	AT 216261	E	20020515	AT 1996-919173	19960605
	ES 2175098	T3	20021116	ES 1996-919173	19960605

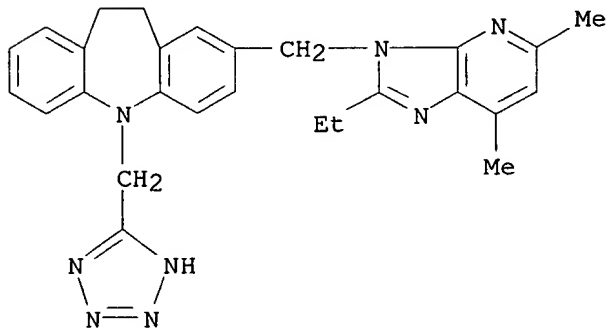
IT **150802-50-9**, KW 3433

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(spironolactone or other epoxy-free spirolactone-type aldosterone receptor antagonist in combination with angiotensin II antagonist for treatment of circulatory and cardiovascular disorders, including congestive heart failure)

RN 150802-50-9 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 17 OF 52 CAPLUS COPYRIGHT 2003 ACS

1997:168547 Document No. 126:152803 Epoxy-steroidal aldosterone antagonist and angiotensin II antagonist combination therapy for treatment of cardiovascular disorders, including congestive heart failure. Alexander, John C.; Schuh, Joseph R.; Gorczynski, Richard J. (G.D. Searle & Co., USA; Alexander, John C.; Schuh, Joseph R.; Gorczynski, Richard J.). PCT Int. Appl. WO 9640257 A1 19961219, 218 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US9335 19960605. PRIORITY: US 1995-486456 19950607.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640257	A1	19961219	WO 1996-US9335	19960605
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA				
	CA 2224079	AA	19961219	CA 1996-2224079	19960605
	AU 9661577	A1	19961230	AU 1996-61577	19960605
	AU 725689	B2	20001019		
	EP 831910	A1	19980401	EP 1996-919170	19960605
	EP 831910	B1	20011121		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	CN 1192697	A	19980909	CN 1996-196155	19960605
	BR 9609066	A	19990126	BR 1996-9066	19960605
	JP 11507627	T2	19990706	JP 1996-501678	19960605
	RU 2166330	C2	20010510	RU 1998-100250	19960605
	IL 122242	A1	20010724	IL 1996-122242	19960605
	AT 209047	E	20011215	AT 1996-919170	19960605
	ES 2167571	T3	20020516	ES 1996-919170	19960605
	NO 9705741	A	19980129	NO 1997-5741	19971205

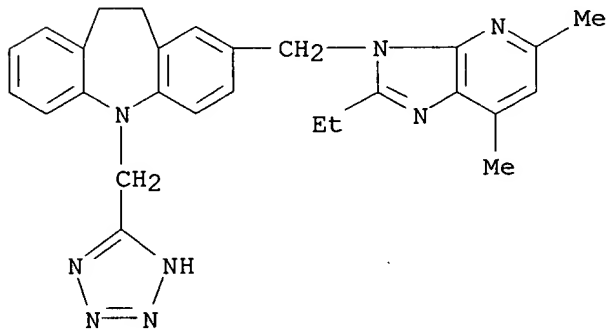
IT **150802-50-9**, KW 3433

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(epoxy-steroidal aldosterone antagonist and angiotensin II antagonist combination therapy for treatment of cardiovascular disorders, including congestive heart failure)

RN 150802-50-9 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 18 OF 52 CAPLUS COPYRIGHT 2003 ACS

1997:168533 Document No. 126:152800 Method to treat cardiofibrosis or cardiac hypertrophy with a combination of an angiotensin II antagonist and spironolactone or other epoxy-free spirolactone-type aldosterone receptor antagonist. Mcmahon, Ellen G.; Olins, Gillian M.; Schuh, Joseph R. (G.D. Searle & Co., USA; Mcmahon, Ellen G.; Olins, Gillian M.; Schuh, Joseph R.). PCT Int. Appl. WO 9640256 A1 19961219, 208 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US8823 19960605. PRIORITY: US 1995-485935 19950607.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9640256	A1	19961219	WO 1996-US8823	19960605
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA				
AU 9659822	A1	19961230	AU 1996-59822	19960605

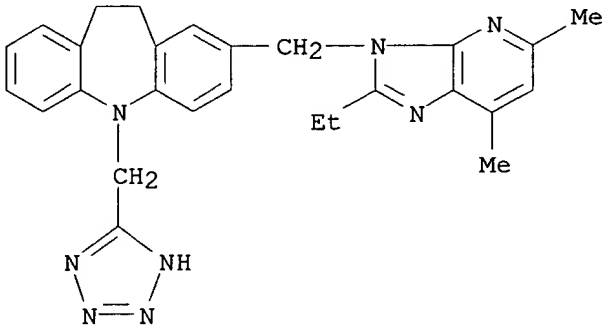
IT **150802-50-9**, KW 3433

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(angiotensin II antagonist combination with spironolactone or other epoxy-free spirolactone-type aldosterone receptor antagonist for treatment of cardiofibrosis or cardiac hypertrophy)

RN 150802-50-9 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 19 OF 52 CAPLUS COPYRIGHT 2003 ACS

1997:140243 Document No. 126:139886 Method to treat cardiofibrosis or cardiac hypertrophy with a combination therapy of an angiotensin II antagonist and an epoxy-steroidal aldosterone antagonist. Egan, James J.; Mcmahon, Ellen G.; Olins, Gillian M.; Schuh, Joseph R. (G.D. Searle & Co., USA; Egan, James J.; Mcmahon, Ellen G.; Olins, Gillian M.; Schuh, Joseph R.). PCT Int. Appl. WO 9640255 A2 19961219, 202 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US8709 19960605. PRIORITY: US 1995-486085 19950607.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640255	A2	19961219	WO 1996-US8709	19960605
	WO 9640255	A3	19970123		
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA				
	AU 9660392	A1	19961230	AU 1996-60392	19960605

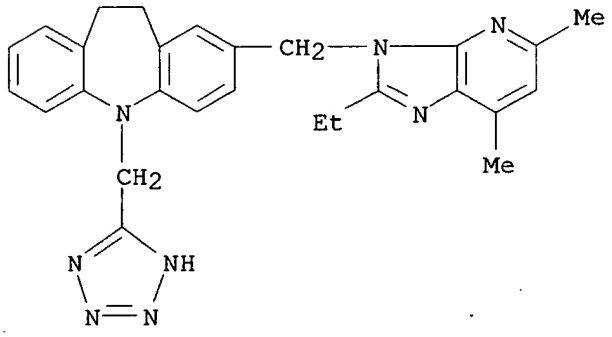
IT **150802-50-9**, KW 3433

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(angiotensin II antagonist and epoxy-steroidal aldosterone antagonist combination for treatment of cardiofibrosis or cardiac hypertrophy)

RN 150802-50-9 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 20 OF 52 CAPLUS COPYRIGHT 2003 ACS

1996:455354 Document No. 125:114506 Preparation of tricyclic anilides as steroid 5α-reductase inhibitors. Takami, Hitoshi; Kumazawa, Toshiaki; Kishibayashi, Nobuyuki; Nonaka, Hiromi; Kase, Hiroshi (Kyowa Hakko Kogyo Kk, Japan). Jpn. Kokai Tokkyo Koho JP 08119920 A2 19960514 Heisei, 15 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1994-252222 19941018.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08119920	A2	19960514	JP 1994-252222	19941018

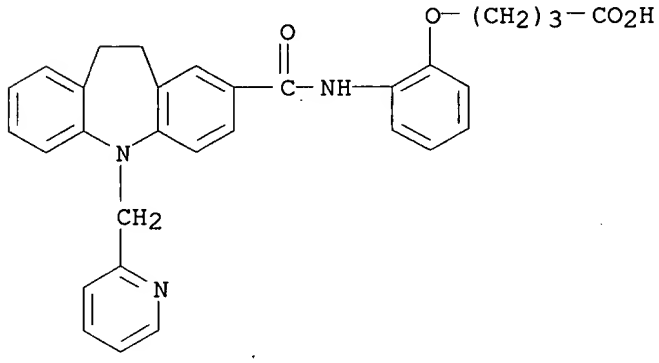
IT **179038-62-1P**

RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of tricyclic anilides as steroid 5α-reductase inhibitors for treatment of diseases)

RN 179038-62-1 CAPLUS

CN Butanoic acid, 4-[2-[[[10,11-dihydro-5-(2-pyridinylmethyl)-5H-dibenz[b,f]azepin-2-yl]carbonyl]amino]phenoxy]- (9CI) (CA INDEX NAME)



L9 ANSWER 21 OF 52 CAPLUS COPYRIGHT 2003 ACS

1996:294199 Document No. 125:33530 Reaction of 2-azidobenzothiazole and 1-azido-4-(3',5'-dimethyl-1'-pyrazolyl)tetrafluorobenzene with [60]fullerene and characterization of the adducts by fast-atom bombardment mass spectrometry. Jagerovic, Nadine; Elguero, Jose; Aubagnac, Jean-Louis (CSIC, Instituto Quimica Medica, Madrid, E-28006, Spain). Tetrahedron, 52(19), 6433-6738 (English) 1996. CODEN: TETRAB. ISSN: 0040-4020. OTHER SOURCES: CASREACT 125:33530. Publisher: Elsevier.

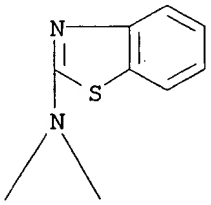
IT **177846-18-3P**

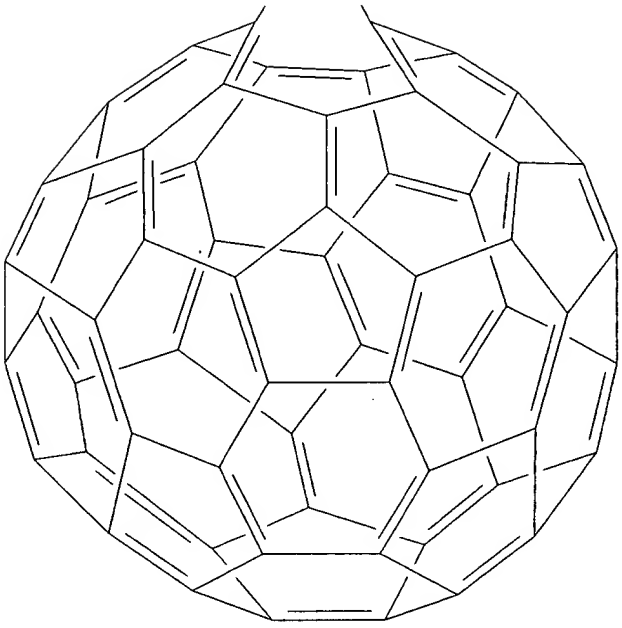
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of aziridinofullerene and azafulleroid derivs. by reaction of azido(pyrazolyl)tetrafluorobenzene and azidobenzothiazole with C60 fullerene)

RN 177846-18-3 CAPLUS

CN 2a-Aza-1,2(2a)-homo[5,6]fullerene-C60-Ih, 2a-(2-benzothiazolyl)- (9CI) (CA INDEX NAME)

PAGE 1-A





L9 ANSWER 22 OF 52 CAPLUS COPYRIGHT 2003 ACS

1997:597991 Document No. 127:257134 Rational design of selective ligands for trypanothione reductase from Trypanosoma cruzi. Structural effects on the inhibition by dibenzazepines based on imipramine. Garforth, Jacqueline; Yin, Hong; McKie, James H.; Douglas, Kenneth T.; Fairlamb, Alan H. (School Pharmacy Pharmaceutical Sciences, Univ. Manchester, Manchester, M13 9PL, UK). Journal of Enzyme Inhibition, 12(3), 161-173 (English) 1997. CODEN: ENINEG. ISSN: 8755-5093. Publisher: Harwood.

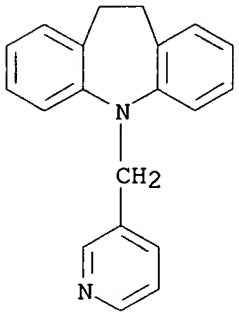
IT **196392-53-7**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(dibenzazepine inhibitors as selective ligands for trypanothione reductase from Trypanosoma cruzi)

RN 196392-53-7 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 23 OF 52 CAPLUS COPYRIGHT 2003 ACS

1997:537574 Document No. 127:161697 2-Amino heterocycles and their therapeutic uses as leukotriene biosynthesis inhibitors. Es-Sayed, Mazen; Yamamoto, Masaru; Frobel, Klaus; Poll, Chris; Grix, Suzanna; Tudhope, Stephen (Bayer Aktiengesellschaft, Germany; Es-Sayed, Mazen; Yamamoto, Masaru; Frobel, Klaus; Poll, Chris; Grix, Suzanna; Tudhope, Stephen). PCT Int. Appl. WO 9724328 A1 19970710, 275 pp. DESIGNATED STATES: W: AU, BG, BR, BY, CA, CN, CZ, EE, HU, IL, IS, JP, KE, KP, KR, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, UA, US, VN; RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2.

APPLICATION: WO 1996-EP5643 19961216. PRIORITY: GB 1995-26560 19951227.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9724328	A1	19970710	WO 1996-EP5643	19961216
W: AU, BG, BR, BY, CA, CN, CZ, EE, HU, IL, IS, JP, KE, KP, KR, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9713728	A1	19970728	AU 1997-13728	19961216

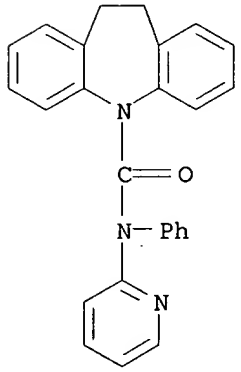
IT **193555-04-3P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2-amino heterocycles as leukotriene biosynthesis inhibitors)

RN 193555-04-3 CAPLUS

CN 5H-Dibenz[b,f]azepine-5-carboxamide, 10,11-dihydro-N-phenyl-N-2-pyridinyl- (9CI) (CA INDEX NAME)



L9 ANSWER 24 OF 52 CAPLUS COPYRIGHT 2003 ACS

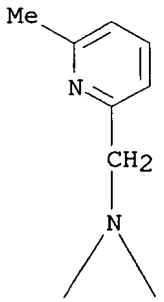
1998:607668 Document No. 129:290043 Synthesis of 2-aminomethylpyridine-appended [60]fullerenes. On the difference in the metal-binding properties between 5,6-open and 6,6-closed isomers. Ikeda, Atsushi; Fukuhara, Chie; Shinkai, Seiji (Department of Chemical Science & Technology, Faculty of Engineering, Kyushu University, Fukuoka, 812, Japan). Chemistry Letters (9), 915-916 (English) 1998. CODEN: CMLTAG. ISSN: 0366-7022. OTHER SOURCES: CASREACT 129:290043. Publisher: Chemical Society of Japan.

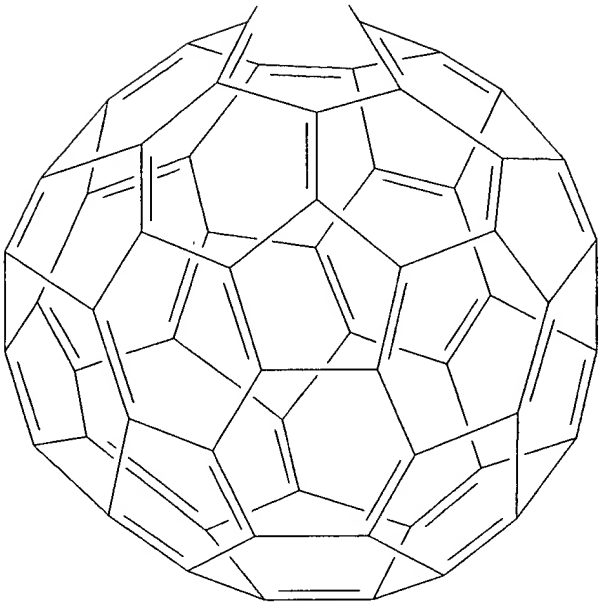
IT **214343-35-8D**, silver complex
RL: FMU (Formation, unclassified); PRP (Properties); FORM (Formation, nonpreparative)
(association consts. for silver complexes with aminomethylpyridine-appended fullerene derivative 5,6-open and 6,6-closed isomers)

RN 214343-35-8 CAPLUS

CN 2a-Aza-1,2(2a)-homo[5,6]fullerene-C60-Ih, 2a-[(6-methyl-2-pyridinyl)methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A





L9 ANSWER 25 OF 52 CAPLUS COPYRIGHT 2003 ACS

1999:670475 Document No. 132:8720 Structure-Based Design of Selective Inhibitors of Dihydrofolate Reductase: Synthesis and Antiparasitic Activity of 2,4-Diaminopteridine Analogues with a Bridged Diarylamine Side Chain. Rosowsky, Andre; Cody, Vivian; Galitsky, Nikolai; Fu, Hongning; Papoulis, Andrew T.; Queener, Sherry F. (Dana-Farber Cancer Inst., Dep. Biol. Chem., and Mol. Pharmacol., Harvard Med. Sch., Boston, MA, USA). Journal of Medicinal Chemistry, 42(23), 4853-4860 (English) 1999. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

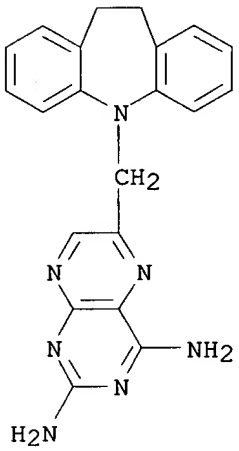
IT **251658-84-1P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(synthesis and antiparasitic activity of 2,4-diaminopteridine analogs)

RN 251658-84-1 CAPLUS

CN 2,4-Pteridinediamine, 6-[(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)methyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 26 OF 52 CAPLUS COPYRIGHT 2003 ACS

2000:725613 Document No. 133:296425 Preparation of compounds as inhibitors of dihydrofolatereductase. Rosowsky, Andre (Dana-Farber Cancer Institute, Inc., USA). PCT Int. Appl. WO 2000059884 A1 20001012, 59 pp. DESIGNATED STATES: W: CA, JP, US; RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 2000-US1968 20000125. PRIORITY: US 1999-PV117321 19990126.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000059884	A1	20001012	WO 2000-US1968	20000125
W: CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1154997	A1	20011121	EP 2000-907039	20000125
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002541144	T2	20021203	JP 2000-609396	20000125

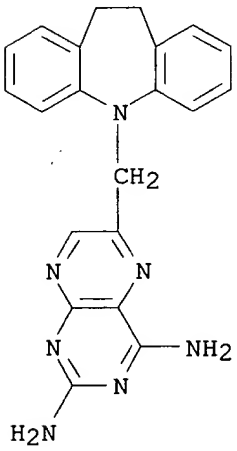
IT **251658-84-1P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of compds. as inhibitors of dihydrofolate reductase)

RN 251658-84-1 CAPLUS

CN 2,4-Pteridinediamine, 6-[(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)methyl]- (9CI) (CA INDEX NAME)



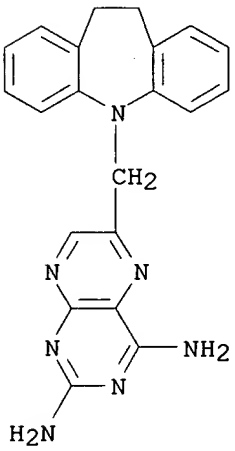
L9 ANSWER 27 OF 52 CAPLUS COPYRIGHT 2003 ACS

2000:708002 Document No. 134:29374 Synthesis of 2,4-diaminopyrido[2,3-d]pyrimidines and 2,4-diaminoquinazolines with bulky dibenz[b,f]azepine and dibenzo[a,d]-cycloheptene substituents at the 6-position as inhibitors of dihydrofolate reductase from Pneumocystis carinii, Toxoplasma gondii, and Mycobacterium avium. Rosowsky, Andre; Fu, Hongning; Queener, Sherry F. (Dana-Farber Cancer Institute and the Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, MA, 02115, USA). Journal of Heterocyclic Chemistry, 37(4), 921-926 (English) 2000. CODEN: JHTCAD. ISSN: 0022-152X. OTHER SOURCES: CASREACT 134:29374. Publisher: HeteroCorporation.

IT **251658-84-1DP**, bioisosteres
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of 2,4-diaminopyrido[2,3-d]pyrimidines and 2,4-diaminoquinazolines dihydrofolate reductase inhibitors from Pneumocystis carinii, Toxoplasma gondii, and Mycobacterium avium)

RN 251658-84-1 CAPLUS

CN 2,4-Pteridinediamine, 6-[(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)methyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 28 OF 52 CAPLUS COPYRIGHT 2003 ACS

2000:240406 Document No. 133:17370 Synthesis of tricyclic compounds as steroid 5α-reductase inhibitors. Takami, Hitoshi; Nonaka, Hiromi; Kishibayashi, Nobuyuki; Ishii, Akio; Kase, Hiroshi; Kumazawa, Toshiaki (Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., Shizuoka, 411-8731, Japan). Chemical & Pharmaceutical Bulletin, 48(4), 552-555 (English) 2000. CODEN: CPBTAL. ISSN: 0009-2363. Publisher: Pharmaceutical Society of Japan.

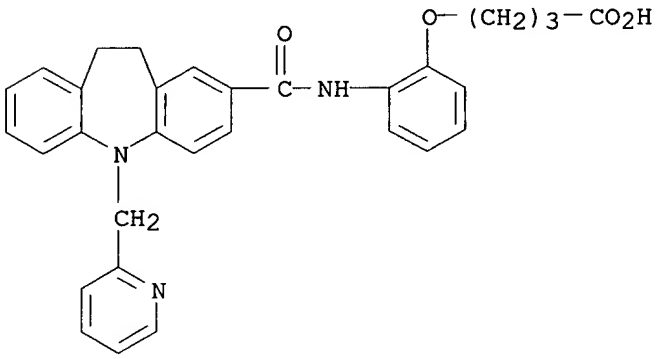
IT **179038-62-1P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(tricyclic compds. as steroid 5α-reductase inhibitors)

RN 179038-62-1 CAPLUS

CN Butanoic acid, 4-[2-[[[10,11-dihydro-5-(2-pyridinylmethyl)-5H-dibenz[b,f]azepin-2-yl]carbonyl]amino]phenoxy]- (9CI) (CA INDEX NAME)



L9 ANSWER 29 OF 52 CAPLUS COPYRIGHT 2003 ACS
2000:74479 Document No. 132:278886 Pyridine-appended 5,6-open-aza[60]fulleroid can act as a unique host for alcohols. Ikeda, Atsushi; Fukuhara, Chie; Kawaguchi, Masaru; Numata, Munenori; Shinkai, Seiji; Liu, Sheng-Gao; Echegoyen, Luis (Graduate School of Engineering, Department of Chemistry & Biochemistry, Kyushu University, Fukuoka, 812-8581, Japan). Perkin 2 (2), 307-310 (English) 2000. CODEN: PRKTFO. Publisher: Royal Society of Chemistry.

IT **263756-46-3**
RL: FMU (Formation, unclassified); PRP (Properties); FORM (Formation, nonpreparative)
(pyridine-appended 5,6-open-aza[60]fulleroid as unique host for alcs.)

RN 263756-46-3 CAPLUS

CN Methanol, compd. with 2a-[(6-methyl-2-pyridinyl)methyl]-2a-aza-1,2(2a)-homo[5,6]fullerene-C60-Ih (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 214343-35-8
CMF C67 H8 N2

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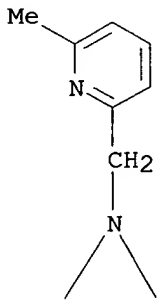
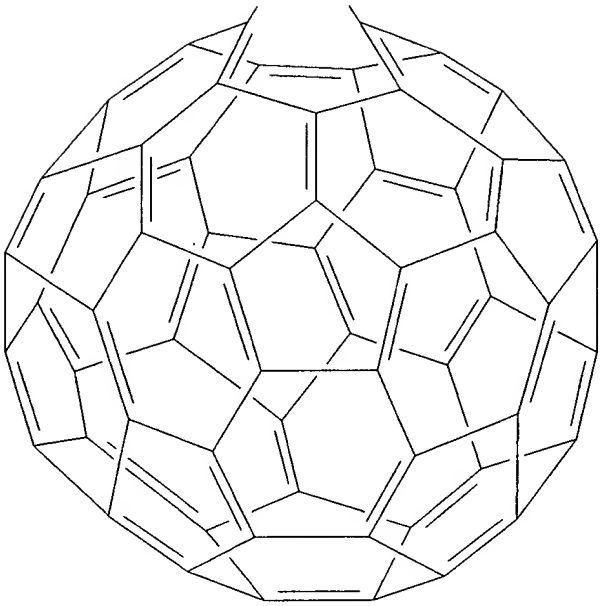




CM 2

CRN 67-56-1
CMF C H4 O

H_3C-OH

L9 ANSWER 30 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:887574 Document No. 136:180467 Dicyclic and tricyclic diaminopyrimidine derivatives as potent inhibitors of Cryptosporidium parvum dihydrofolate reductase: structure-activity and structure-selectivity correlations. Nelson, Richard G.; Rosowsky, Andre (Division of Infectious Diseases, Department of Medicine, University of California, San Francisco, CA, 94143, USA). Antimicrobial Agents and Chemotherapy, 45(12), 3293-3303 (English) 2001. CODEN: AMACCQ. ISSN: 0066-4804. Publisher: American Society for Microbiology.

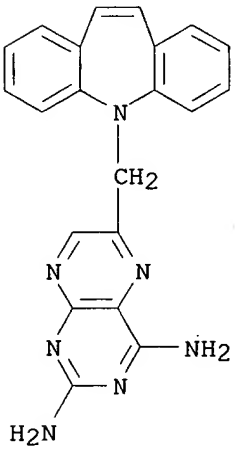
IT **251658-90-9**

RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(structure-activity and structure-species selectivity correlations of dicyclic and tricyclic diaminopyrimidine derivs. which are potent inhibitors of Cryptosporidium parvum dihydrofolate reductase)

RN 251658-90-9 CAPLUS

CN 2,4-Pteridinediamine, 6-(5H-dibenz[b,f]azepin-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 31 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:853922 Document No. 136:225795 Synthesis and characterization of [60]fullerene-substituted oligopyridines ruthenium complexes. Du, Chimin; Li, Yuliang; Wang, Shu; Shi, Zhiqiang; Xiao, Shengxiong; Zhu, Daoben (Center for Molecular Sciences, Institute of Chemistry, The Chinese Academy of Sciences, Beijing, 100080, Peop. Rep. China). Synthetic Metals, 124(2-3), 287-289 (English) 2001. CODEN: SYMEDZ. ISSN: 0379-6779. Publisher: Elsevier Science S.A..

IT **402731-54-8P**

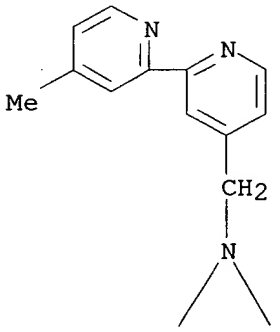
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

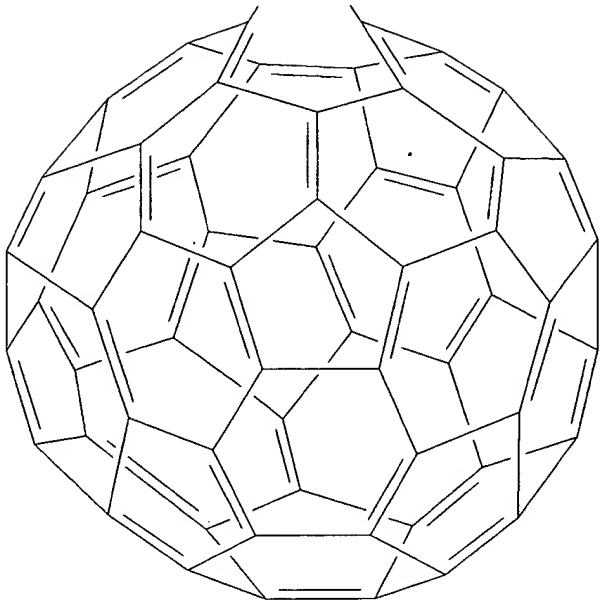
(preparation and complexation with ruthenium)

RN 402731-54-8 CAPLUS

CN 2a-Aza-1,2(2a)-homo[5,6]fullerene-C60-Ih, 2a-[(4'-methyl[2,2'-bipyridin]-4-yl)methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A





L9 ANSWER 32 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:655869 Document No. 136:43268 The self-assembly of [60]fullerene-substituted 2,2'-bipyridine on the surface of Au(111) and Au nanoparticles. Du, Chimin; Xu, Bo; Li, Yuliang; Wang, Chen; Wang, Shu; Shi, Zhiqiang; Fang, Hongjuan; Xiao, Shengxiong; Zhu, Daoben (Center for Molecular Science, Institute of Chemistry, The Chinese Academy of Sciences, Beijing, 100080, Peop. Rep. China). New Journal of Chemistry, 25(9), 1191-1194 (English) 2001. CODEN: NJCHE5. ISSN: 1144-0546. Publisher: Royal Society of Chemistry.

IT **367942-52-7P**

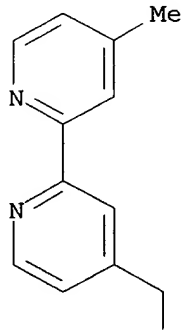
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)

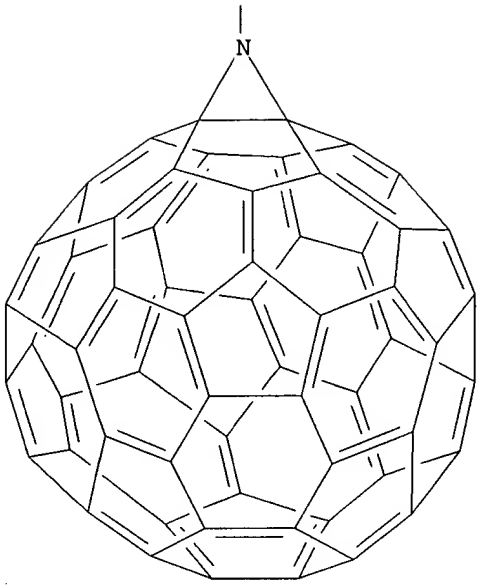
(self-assembly of fullerene-substituted bipyridine on surface of Au(111) and Au nanoparticles)

RN 367942-52-7 CAPLUS

CN 1'H-[5,6]Fullereno-C60-Ih-[1,2-b]azirine, 1'-[(4'-methyl[2,2'-bipyridin]-4-yl)methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

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L9 ANSWER 33 OF 52 CAPLUS COPYRIGHT 2003 ACS

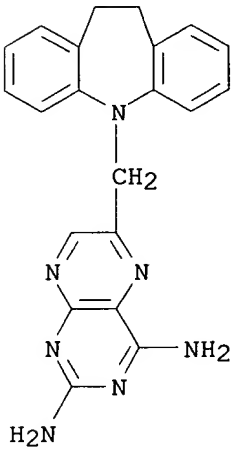
2001:623542 Document No. 136:212608 Isolation of rat dihydrofolate reductase gene and characterization of recombinant enzyme. Wang, Yangzhou; Bruenn, Jeremy A.; Queener, Sherry F.; Cody, Vivian (Structural Biology Department, Hauptman Woodward Medical Research Institute, Buffalo, NY, 14203, USA). Antimicrobial Agents and Chemotherapy, 45(9), 2517-2523 (English) 2001. CODEN: AMACCQ. ISSN: 0066-4804. Publisher: American Society for Microbiology.

IT **251658-84-1**

RL: BSU (Biological study, unclassified); BIOL (Biological study) (inhibition by; isolation of rat dihydrofolate reductase gene and characterization of recombinant enzyme)

RN 251658-84-1 CAPLUS

CN 2,4-Pteridinediamine, 6-[(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)methyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 34 OF 52 CAPLUS COPYRIGHT 2003 ACS

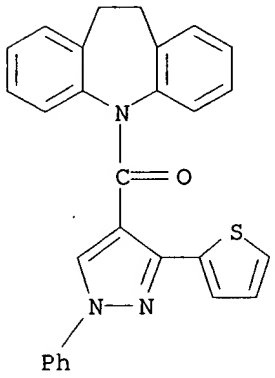
2001:620087 Document No. 135:371677 4-Functionally substituted 3-heterylpyrazoles: III. 3-Aryl(heteryl)pyrazole-4-carboxylic acids and their derivatives. Bratenko, M. K.; Chornous, V. A.; Vovk, M. V. (Bukovinskaya State Medical Academy, Chernovtsy, 58000, Ukraine). Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii), 37(4), 552-555 (English) 2001. CODEN: RJOCEQ. ISSN: 1070-4280. Publisher: MAIK Nauka/Interperiodica Publishing.

IT **367512-28-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of functionally substituted (phenyl)pyrazolecarboxamides and their derivs.)

RN 367512-28-5 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-[[1-phenyl-3-(2-thienyl)-1H-pyrazol-4-yl]carbonyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 35 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:610876 Document No. 135:350051 Nonlinear optical properties in three novel nanocomposites with gold nanoparticles. Qu, S.; Song, Y.; Du, C.; Wang, Y.; Gao, Y.; Liu, S.; Li, Y.; Zhu, D. (Department of Physics, Harbin Institute of Technology, Harbin, 150001, Peop. Rep. China). Optics Communications, 196(1-6), 317-323 (English) 2001. CODEN: OPCOB8. ISSN: 0030-4018. Publisher: Elsevier Science B.V..

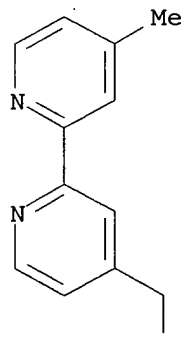
IT **367942-52-7**

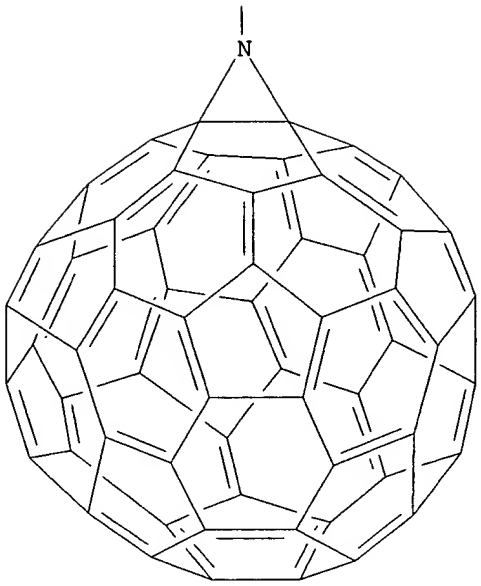
RL: PRP (Properties)

(composite with gold nanoparticles; nonlinear optical properties in three novel nanocomposites with gold nanoparticles)

RN 367942-52-7 CAPLUS

CN 1'H-[5,6]Fullereno-C60-Ih-[1,2-b]azirine, 1'-[(4'-methyl[2,2'-bipyridin]-4-yl)methyl]- (9CI) (CA INDEX NAME)




N

L9 ANSWER 36 OF 52 CAPLUS COPYRIGHT 2003 ACS

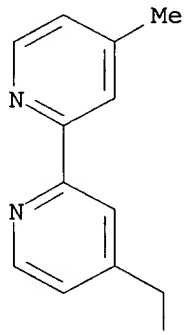
2001:583659 Document No. 135:324867 Optical nonlinear absorption of gold nanocomposites based on fullerene. Zu, Ji-feng; Gao, Ya-chen; Qu, Shi-liang; Wang, Yu-xiao; Song, Ying-lin; Fan, Wen-qi (Department of Physics, Liaoning Normal University, Dalian, 116029, Peop. Rep. China). Liaoning Shifan Daxue Xuebao, Ziran Kexueban, 24(2), 130-132 (Chinese) 2001. CODEN: LSDKEQ. ISSN: 1000-1735. Publisher: Liaoning Shifan Daxue.

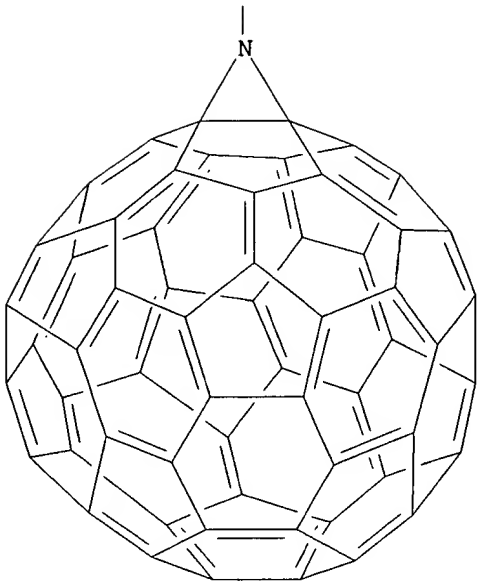
IT **367942-52-7**
RL: PRP (Properties)
(optical nonlinear absorption of gold nanocomposites with)

RN 367942-52-7 CAPLUS

CN 1'H-[5,6]Fullereno-C60-Ih-[1,2-b]azirine, 1'-[(4'-methyl[2,2'-bipyridin]-4-yl)methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A




N

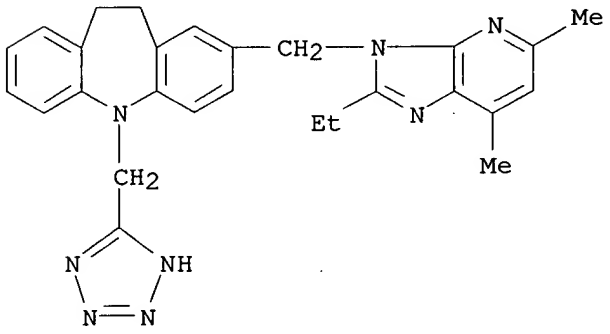
L9 ANSWER 37 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:555311 Document No. 135:371655 Research and development of synthetic processes for pharmaceuticals: Pursuit of rapid, inexpensive, and good processes. Mohri, Shinichiro (Sakai Res. Lab., Kyowa Hakko Kogyo Co., Ltd., Sakai, 590-8554, Japan). Yuki Gosei Kagaku Kyokaishi, 59(5), 514-515 (Japanese) 2001. CODEN: YGKKAE. ISSN: 0037-9980. Publisher: Yuki Gosei Kagaku Kyokai.

IT **150802-50-9P**, KW 3433
RL: SPN (Synthetic preparation); PREP (Preparation)
(research and development of synthetic processes for pharmaceuticals)

RN 150802-50-9 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 38 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:418342 Document No. 135:205274 Effects of various antihypertensive drugs on the function of osteoblast. Nishiya, Yoichi; Sugimoto, Seiji (Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., Tokyo, 194-8533, Japan). Biological & Pharmaceutical Bulletin, 24(6), 628-633 (English) 2001. CODEN: BPBLEO. ISSN: 0918-6158. Publisher: Pharmaceutical Society of Japan.

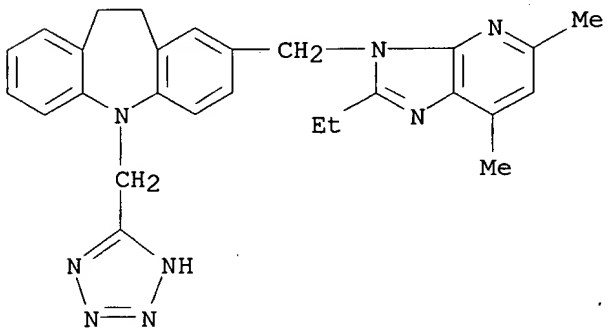
IT **150802-50-9**, KW-3433

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(effects of various antihypertensive drugs on function of osteoblast)

RN 150802-50-9 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 39 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:291940 Document No. 135:129457 Energy transfer and electron transfer of photoexcited 5,6-open-azaC60 and 6,6-closed-azaC60 in the presence of retinyl polyenes: hydrogen-bonding effect. Yamazaki, M.; Fujitsuka, M.; Ito, O.; Ikeda, A.; Fukuhara, C.; Kawaguchi, M.; Shinkai, S. (Institute for Chemical Reaction Science, Tohoku University, Sendai, Aoba-ku, Katahira, 980-8577, Japan). Journal of Photochemistry and Photobiology, A: Chemistry, 140(2), 139-146 (English) 2001. CODEN: JPPCEJ. ISSN: 1010-6030. Publisher: Elsevier Science S.A..

IT **263756-46-3**
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PROC (Process)
(fullerene derivative; study of energy transfer and electron transfer of photoexcited aza-fullerene derivs. in presence of retinyl polyenes in relation to solvent effect)

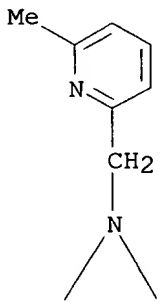
RN 263756-46-3 CAPLUS

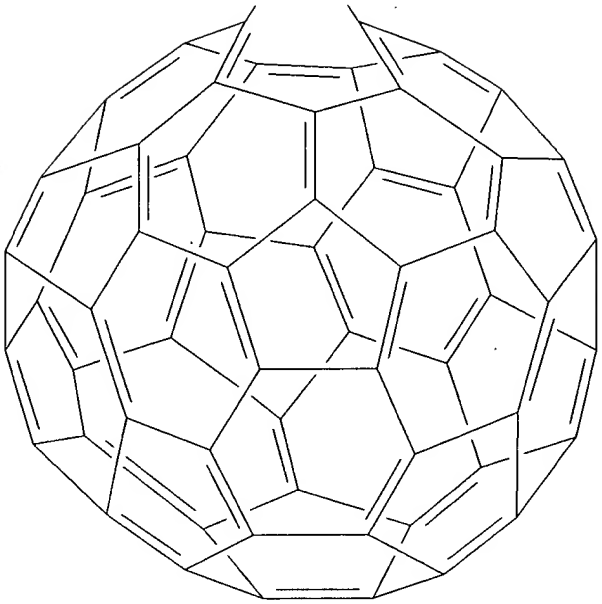
CN Methanol, compd. with 2a-[(6-methyl-2-pyridinyl)methyl]-2a-aza-1,2(2a)-homo[5,6]fullerene-C60-Ih (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 214343-35-8
CMF C67 H8 N2

PAGE 1-A





CM 2

CRN 67-56-1
CMF C H4 O

H_3C-OH

L9 ANSWER 40 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:254875 Document No. 134:266300 Preparation of bisbenzazoles as stable electron-transporting agents for electroluminescent devices. Sato, Tadahisa (Fuji Photo Film Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2001097961 A2 20010410, 10 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1999-277014 19990929.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001097961	A2	20010410	JP 1999-277014	19990929

PI JP 2001097961 A2 20010410

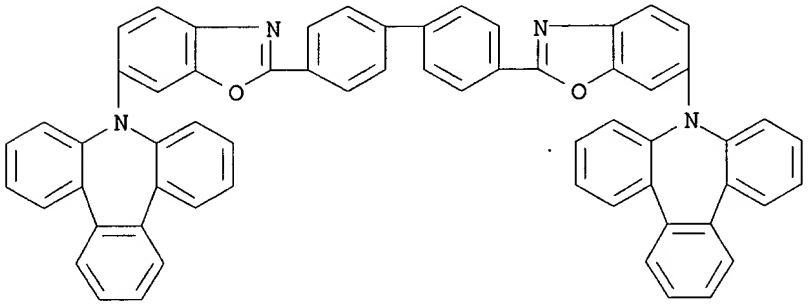
IT **332138-59-7P**

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(preparation of bisbenzazoles as stable electron-transporting agents for electroluminescent devices)

RN 332138-59-7 CAPLUS

CN 9H-Tribenz[b,d,f]azepine, 9,9'-[[1,1'-biphenyl]-4,4'-diylbis(2,6-benzoxazolediyl)]bis- (9CI) (CA INDEX NAME)



L9 ANSWER 41 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:252937 Document No. 134:280836 Preparation of trisbenzazoles as stable electron-transporting agents for electroluminescent devices. Sato, Tadahisa (Fuji Photo Film Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2001097962 A2 20010410, 11 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1999-277012 19990929.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001097962	A2	20010410	JP 1999-277012	19990929

PI JP 2001097962 A2 20010410

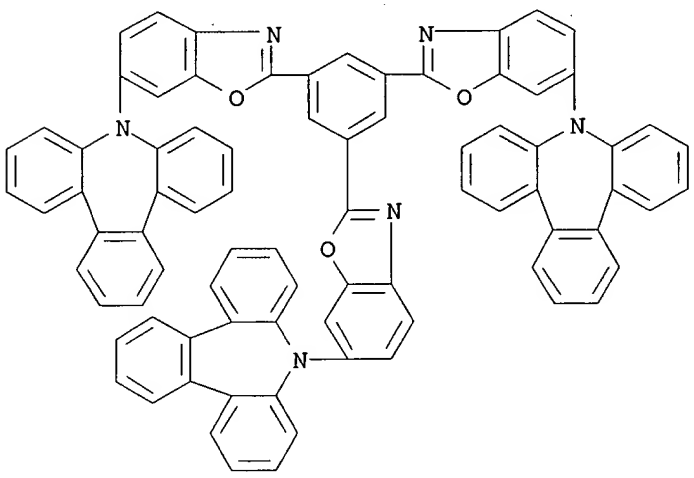
IT **332425-73-7P**

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(preparation of trisbenzazoles as stable electron-transporting agents for electroluminescent devices)

RN 332425-73-7 CAPLUS

CN 9H-Tribenz[b,d,f]azepine, 9,9',9''-[1,3,5-benzenetriyltris(2,6-benzoxazolediyl)]tris- (9CI) (CA INDEX NAME)



L9 ANSWER 42 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:41890 Document No. 134:108114 Benzopyran derivative for electroluminescence device of electroluminescence panel. Yanagi, Terukazu; Okada, Hisashi; Eum, Yong Chul (Fuji Photo Film Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2001011065 A2 20010116, 29 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2000-13047 20000121. PRIORITY: JP 1999-122463 19990428.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001011065	A2	20010116	JP 2000-13047	20000121

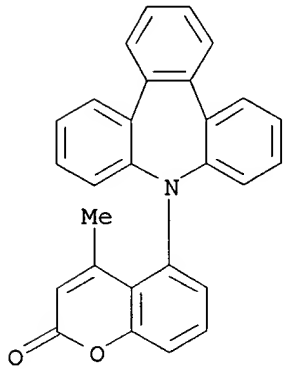
IT **318497-44-8P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(benzopyran derivative for electroluminescence device)

RN 318497-44-8 CAPLUS

CN 2H-1-Benzopyran-2-one, 4-methyl-5-(9H-tribenz[b,d,f]azepin-9-yl)- (9CI) (CA INDEX NAME)



L9 ANSWER 43 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:15514 Document No. 134:204940 Efficacies of lipophilic inhibitors of dihydrofolate reductase against parasitic protozoa. Lau, Hollis; Ferlan, Jill T.; Brophy, Victoria Hertle; Rosowsky, Andre; Sibley, Carol Hopkins (Department of Genetics, University of Washington, Seattle, WA, 98195-7360, USA). Antimicrobial Agents and Chemotherapy, 45(1), 187-195 (English) 2001. CODEN: AMACCQ. ISSN: 0066-4804. Publisher: American Society for Microbiology.

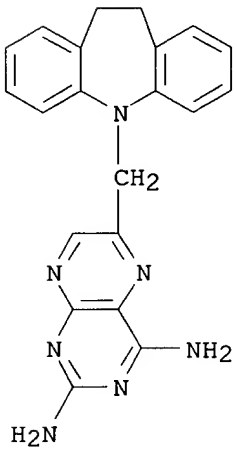
IT **251658-84-1**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(efficacies of lipophilic inhibitors of dihydrofolate reductase against parasitic protozoa)

RN 251658-84-1 CAPLUS

CN 2,4-Pteridinediamine, 6-[(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)methyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 44 OF 52 CAPLUS COPYRIGHT 2003 ACS

2002:847768 Document No. 137:346151 Bis(hetero-5-membered ring) compounds as telomerase inhibitors and their uses as antitumor agents. Sasho, Setsuya; Komatsu, Kazunori; Kobayashi, Yumiko; Yamashita, Nobunori; Asai, Akiyoshi (Kyowa Hakko Kogyo Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2002322161 A2 20021108, 22 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2001-127229 20010425.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002322161	A2	20021108	JP 2001-127229	20010425

PI JP 2002322161 A2 20021108

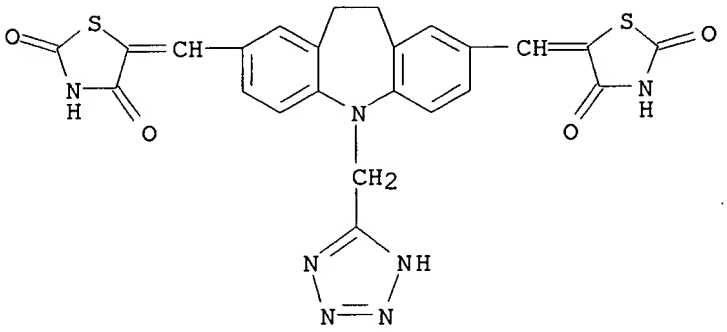
IT **474641-52-6P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of antitumor bis(hetero-5-membered ring) compds. as telomerase inhibitors)

RN 474641-52-6 CAPLUS

CN 2,4-Thiazolidinedione, 5,5'-[[10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)-5H-dibenz[b,f]azepine-2,8-diyl]dimethylidyne]bis- (9CI) (CA INDEX NAME)



L9 ANSWER 45 OF 52 CAPLUS COPYRIGHT 2003 ACS

2002:742913 Self-assembly of the [60]fullerene-substituted oligopyridines on Au nanoparticles and the optical nonlinearities of the nanoparticles. Fang, Hongjuan; Du, Chimin; Qu, Shiliang; Li, Yuliang; Song, Yinglin; Li, Hongmei; Liu, Huibiao; Zhu, Daoben (Institute of Chemistry, Center for Molecular Sciences, Chinese Academy of Sciences, Beijing, 100080, Peop. Rep. China). Chemical Physics Letters, 364(3,4), 290-296 (English) 2002. CODEN: CHPLBC. ISSN: 0009-2614. Publisher: Elsevier Science B.V..

IT **402731-54-8**

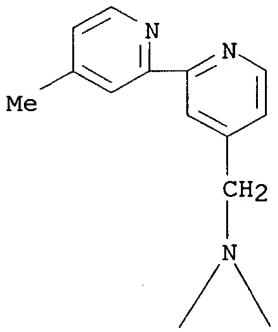
RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); PROC (Process)

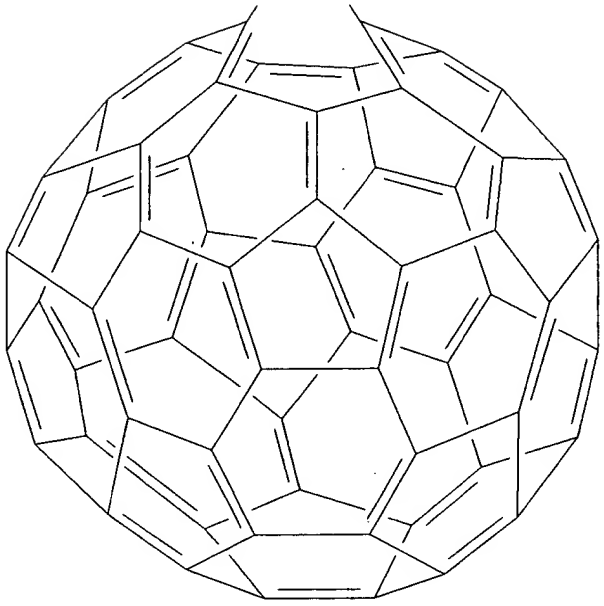
(self-assembly of [60]fullerene-substituted oligopyridines on Au nanoparticles and optical nonlinearities of nanoparticles)

RN 402731-54-8 CAPLUS

CN 2a-Aza-1,2(2a)-homo[5,6]fullerene-C60-Ih, 2a-[(4'-methyl[2,2'-bipyridin]-4-yl)methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A





L9 ANSWER 46 OF 52 CAPLUS COPYRIGHT 2003 ACS

2002:572226 Document No. 137:247564 Synthesis and Characterization of Three Novel [60]Fullerene Derivatives toward Self-Assembled Nanoparticles through Interaction of Hydrogen Bonding. Xiao, Shengqiang; Li, Yuliang; Fang, Hongjuan; Li, Hongmei; Liu, Huibiao; Shi, Zhiqiang; Jiang, Lei; Zhu, Daoben (Center for Molecular Sciences, Institute of Chemistry, Chinese Academy of Sciences, Beijing, 100080, Peop. Rep. China). Organic Letters, 4(18), 3063-3066 (English) 2002. CODEN: ORLEF7. ISSN: 1523-7060. Publisher: American Chemical Society.

IT **461019-11-4P**

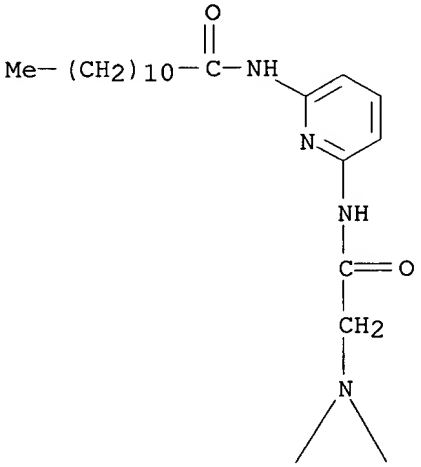
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

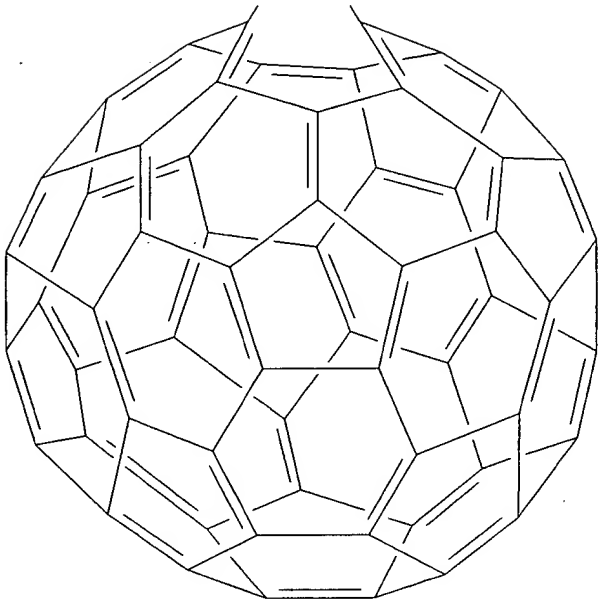
(preparation, isomerization and ring opening oxidation)

RN 461019-11-4 CAPLUS

CN 2a-Aza-1,2(2a)-homo[5,6]fullerene-C60-Ih-2a-acetamide, N-[6-[(1-oxododecyl)amino]-2-pyridinyl]- (9CI) (CA INDEX NAME)

PAGE 1-A





L9 ANSWER 47 OF 52 CAPLUS COPYRIGHT 2003 ACS

2002:444979 Document No. 137:176680 Nonlinear refraction and optical limiting in the nanocomposite based on C60 structured system with gold nanoparticles. Qu, Shi-liang; Du, Chi-min; Song, Ying-lin; Wang, Yu-xiao; Gao, Ya-chen; Zu, Ji-feng; Liu, Shu-tian; Li, Yu-liang; Zhu, Dao-ben (Department of Physics, Harbin Institute of Technology, Harbin, 150001, Peop. Rep. China). Zhongguo Jiguang, A29(4), 335-338 (Chinese) 2002. CODEN: ZHJIDO. ISSN: 0258-7025. Publisher: Kexue Chubanshe.

IT **402731-54-8**

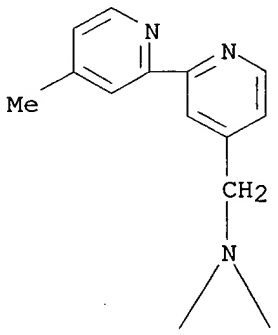
RL: PRP (Properties)

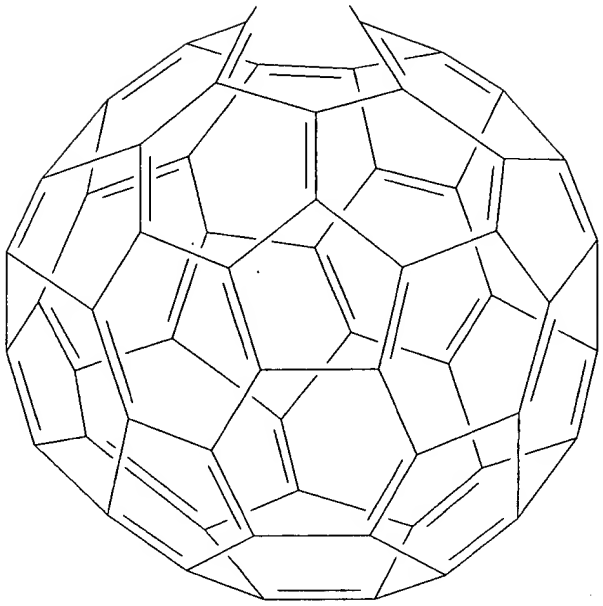
(nonlinear refraction and optical limiting in the nanocomposite based on C60 structured system with gold nanoparticles)

RN 402731-54-8 CAPLUS

CN 2a-Aza-1,2(2a)-homo[5,6]fullerene-C60-Ih, 2a-[(4'-methyl[2,2'-bipyridin]-4-yl)methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A





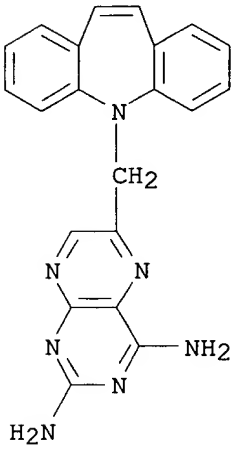
L9 ANSWER 48 OF 52 CAPLUS COPYRIGHT 2003 ACS

2002:406272 Document No. 137:321932 Structure-based enzyme inhibitor design: modeling studies and crystal structure analysis of Pneumocystis carinii dihydrofolate reductase ternary complex with PT 653 and NADPH. Cody, Vivian; Galitsky, Nikolai; Luft, Joseph R.; Pangborn, Walter; Rosowsky, Andre; Queener, Sherry F. (Hauptman-Woodward Medical Research Institute, Inc., Buffalo, NY, 14203, USA). Acta Crystallographica, Section D: Biological Crystallography, D58(6, No. 2), 946-954 (English) 2002. CODEN: ABCRE6. ISSN: 0907-4449. Publisher: Blackwell Munksgaard.

IT **251658-90-9D**, complexes with dihydrofolate reductase and NADPH
RL: BSU (Biological study, unclassified); PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); BIOL (Biological study); PROC (Process)
(crystal structure of Pneumocystis carinii dihydrofolate reductase ternary complex with PT 653 and NADPH)

RN 251658-90-9 CAPLUS

CN 2,4-Pteridinediamine, 6-(5H-dibenz[b,f]azepin-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 49 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:930816 Document No. 136:177479 Pharmacophore Mapping of a Series of 2,4-Diamino-5-deazapteridine Inhibitors of Mycobacterium avium Complex Dihydrofolate Reductase. Debnath, Asim Kumar (Lindsley F. Kimball Research Institute, New York Blood Center, New York, NY, 10021, USA). Journal of Medicinal Chemistry, 45(1), 41-53 (English) 2002. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

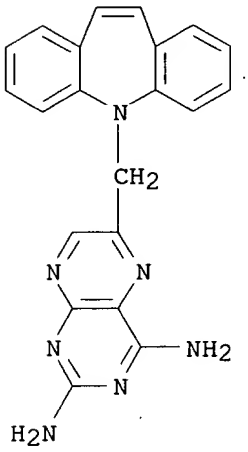
IT **251658-90-9**

RL: PAC (Pharmacological activity); PRP (Properties); BIOL (Biological study)

(pharmacophore mapping of diaminodeazapteridine inhibitors of Mycobacterium avium complex dihydrofolate reductase)

RN 251658-90-9 CAPLUS

CN 2,4-Pteridinediamine, 6-(5H-dibenz[b,f]azepin-5-ylmethyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 50 OF 52 CAPLUS COPYRIGHT 2003 ACS

2001:878335 Document No. 136:151126 A New Type of Mixed Anhydride and Its Applications to the Synthesis of 7-Substituted 8-Chloro-5,5-dioxoimidazo[1,2-b][1,4,2]benzodithiazines with in Vitro Antitumor Activity. Brzozowski, Zdzislaw; Saczewski, Franciszek (Department of Chemical Technology of Drugs, Medical University of Gdansk, Gdansk, 80-416, Pol.). Journal of Medicinal Chemistry, 45(2), 430-437 (English) 2002. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

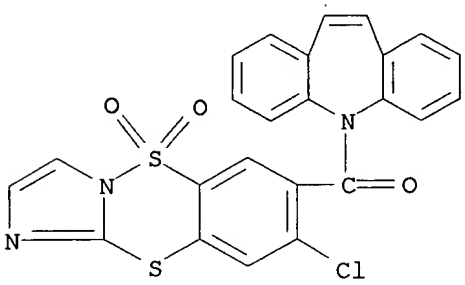
IT **393843-06-6P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and in vitro antitumor activity of 8-chloro-5,5-dioxoimidazo[1,2-b][1,4,2]benzodithiazines)

RN 393843-06-6 CAPLUS

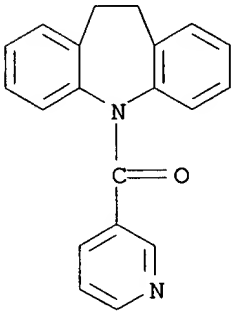
CN 5H-Dibenz[b,f]azepine, 5-[(8-chloro-5,5-dioxidoimidazo[1,2-b][1,4,2]benzodithiazin-7-yl)carbonyl]- (9CI) (CA INDEX NAME)



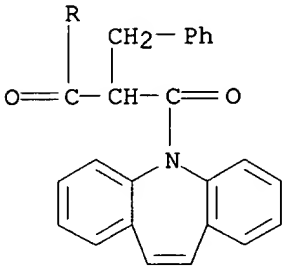
L9 ANSWER 51 OF 52 CAOLD COPYRIGHT 2003 ACS
CA61:4328c basic substituted dibenzyls. Mueslin, Louis; Schindler, W.; Haefliger, F.
dibenzyls (basic substituted). Geigy, J. R., A.-G.
Patent Info.: CH 372675

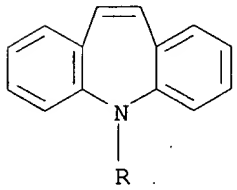
PATENT NO.	KIND	DATE
CH 372675		

IT **94542-58-2**
RN 94542-58-2 CAOLD
CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-nicotinoyl- (7CI) (CA INDEX NAME)



L9 ANSWER 52 OF 52 CAOLD COPYRIGHT 2003 ACS
CA56:7310c syntheses of heterocycles - (XXXII) condensed N heterocycles.
Ziegler, Erich; Junek, H.; Noelken, E.; Gelfert, K.; Salvador, R.
IT **98947-59-2**
RN 98947-59-2 CAOLD
CN 5H-Dibenz[b,f]azepine, 5,5'-(benzylmalonyl)bis- (7CI) (CA INDEX NAME)





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STRUCTURE FILE UPDATES:   14 FEB 2003  HIGHEST RN 490576-14-2
DICTIONARY FILE UPDATES:  14 FEB 2003  HIGHEST RN 490576-14-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> d his

     (FILE 'HOME' ENTERED AT 11:13:12 ON 15 FEB 2003)

     FILE 'REGISTRY' ENTERED AT 11:13:31 ON 15 FEB 2003
L1             STRUCTURE UPLOADED
L2               7 S L1
L3             800 S L1 SSS FULL
L4             STRUCTURE UPLOADED
L5              90 S L4 FULL SUB=L3
L6             STRUCTURE UPLOADED
L7              90 S L6 FULL SUB=L3

     FILE 'CAOLD, CAPLUS' ENTERED AT 11:18:47 ON 15 FEB 2003
L8              52 S L7
L9              52 SORT L8 PY

     FILE 'REGISTRY' ENTERED AT 11:20:12 ON 15 FEB 2003
L10           ANALYZE L7 1- CHEM :       93 TERMS

     FILE 'CAOLD, CAPLUS' ENTERED AT 11:21:41 ON 15 FEB 2003
L11           ANALYZE L9 1- RN :    2161 TERMS
L12           ANALYZE L9 1- HITRN :      326 TERMS

     FILE 'REGISTRY' ENTERED AT 11:26:23 ON 15 FEB 2003

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=> d cbib pi hitstr 2 4 7 9 10 12 13 22 19
YOU HAVE REQUESTED DATA FROM FILE 'CAOLD, CAPLUS' - CONTINUE? (Y)/N:.
```

L9 ANSWER 2 OF 52 CAPLUS COPYRIGHT 2003 ACS

1964:425346 Document No. 61:25346 Original Reference No. 61:4328c-f Basic substituted dibenzyls. Mueslin, Louis; Schindler, Walter; Haeflinger, Franz (J. R. Geigy A.-G.). CH 372675 19631214, 2 pp. (Unavailable).
APPLICATION: CH 19580723.

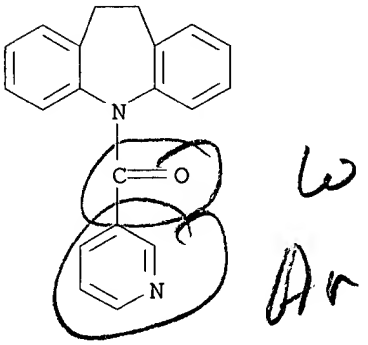
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 372675		19631214	CH	19580723

PI CH 372675 19631214 CH 19580723

IT **94542-58-2**, 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-nicotinoyl-
100301-19-7, 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-nicotinoyl-, hydrochloride
(preparation of)

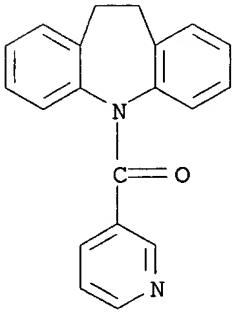
RN 94542-58-2 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-nicotinoyl- (7CI) (CA INDEX NAME)



RN 100301-19-7 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-nicotinoyl-, hydrochloride (7CI) (CA INDEX NAME)



● HCl

L9 ANSWER 4 OF 52 CAPLUS COPYRIGHT 2003 ACS

1984:17500 Document No. 100:17500 Specific and potent interactions of carbamazepine with brain adenosine receptors. Marangos, Paul J.; Post, Robert M.; Patel, Jitendra; Zander, Karl; Parma, Alexandra; Weiss, Susan (Sect. Histopharmacol., Natl. Inst. Ment. Health, Bethesda, MD, 20205, USA). European Journal of Pharmacology, 93(3-4), 175-82 (English) 1983. CODEN: EJPHAZ. ISSN: 0014-2999.

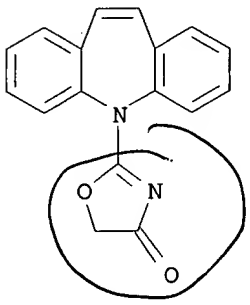
IT **88265-32-1**

RL: BIOL (Biological study)

(adenosine and benzodiazepine receptors of brain interaction with)

RN 88265-32-1 CAPLUS

CN 4(5H)-Oxazolone, 2-(5H-dibenz[b,f]azepin-5-yl)- (9CI) (CA INDEX NAME)



Ar W = a bond 1 & 9

L9 ANSWER 7 OF 52 CAPLUS COPYRIGHT 2003 ACS

1987:18386 Document No. 106:18386 Microbicidal dibenzazoles. Fischer, Hanspeter; Buergin, Walter (Ciba-Geigy A.-G., Switz.). Patentschrift (Switz.) CH 653675 A 19860115, 10 pp. (German). CODEN: SWXXAS. APPLICATION: CH 1983-2871 19830526.

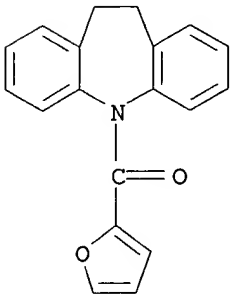
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 653675	A	19860115	CH 1983-2871	19830526

IT **105925-96-0P 105926-41-8P**

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as agricultural fungicide)

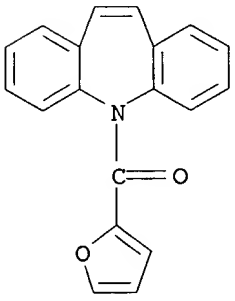
RN 105925-96-0 CAPLUS

CN 5H-Dibenz[b,f]azepine, 5-(2-furanylcarbonyl)-10,11-dihydro- (9CI) (CA INDEX NAME)



RN 105926-41-8 CAPLUS

CN 5H-Dibenz[b,f]azepine, 5-(2-furanylcarbonyl)- (9CI) (CA INDEX NAME)



L9 ANSWER 9 OF 52 CAPLUS COPYRIGHT 2003 ACS

1989:423402 Document No. 111:23402 Heterocyclylmethylquinolines lipid peroxidation inhibitors and their preparation. Kihara, Noriaki; Tomino, Ikuo; Tan, Hiroaki; Ishihara, Takafumi (Mitsui Petrochemical Industries, Ltd., Japan). Eur. Pat. Appl. EP 289365 A2 19881102, 22 pp. DESIGNATED STATES: R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1988-303980 19880503. PRIORITY: JP 1987-104753 19870430.

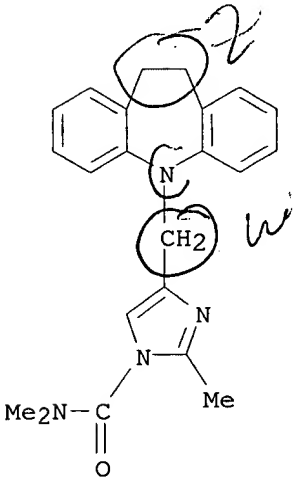
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 289365	A2	19881102	EP 1988-303980	19880503
EP 289365	A3	19900606		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 63270678	A2	19881108	JP 1987-104753	19870430
JP 05044942	B4	19930707		
US 4962200	A	19901009	US 1988-188219	19880429
CN 88102448	A	19881116	CN 1988-102448	19880430

IT **121278-77-1P 121278-83-9P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as lipid peroxidn. inhibitor)

RN 121278-77-1 CAPLUS

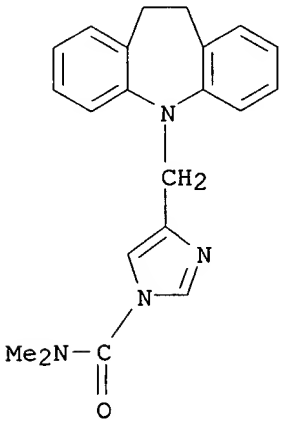
CN 1H-Imidazole-1-carboxamide, 4-[(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)methyl]-N,N,2-trimethyl- (9CI) (CA INDEX NAME)



1, 3, 8, 9

RN 121278-83-9 CAPLUS

CN 1H-Imidazole-1-carboxamide, 4-[(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)methyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



L9 ANSWER 10 OF 52 CAPLUS COPYRIGHT 2003 ACS

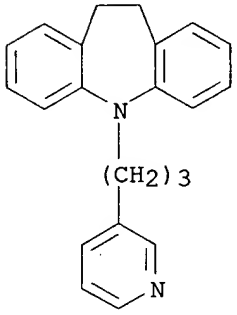
1991:408698 Document No. 115:8698 Potential antitumor agents. XVIII. Synthesis and cytotoxic activity of phenothiazine derivatives. Andreani, A.; Rambaldi, M.; Locatelli, A.; Aresca, P.; Bossa, R.; Galatulas, I. (Dip. Sci. Farm., Univ. Bologna, Bologna, 40126, Italy). European Journal of Medicinal Chemistry, 26(1), 113-16 (English) 1991. CODEN: EJMCA5. ISSN: 0223-5234. OTHER SOURCES: CASREACT 115:8698.

IT **134266-18-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and antitumor and inotropic activity of)

RN 134266-18-5 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-[3-(3-pyridinyl)propyl]- (9CI) (CA INDEX NAME)



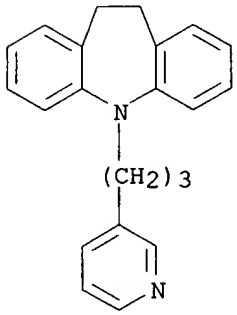
1, 3, 8, 26

IT **134266-19-6P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 134266-19-6 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-[3-(3-pyridinyl)propyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

L9 ANSWER 12 OF 52 CAPLUS COPYRIGHT 2003 ACS

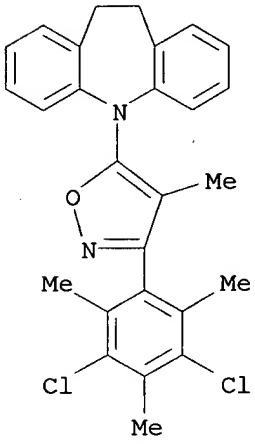
1994:134344 Document No. 120:134344 Site selectivity and regioselectivity of nitrile oxide cycloadditions to N,N-diarylaminoallenes. Broggini, Gianluigi; Molteni, Giorgio; Zecchi, Gaetano (Dip. Chim. Org. Ind., Univ. Milano, Milan, 20133, Italy). Journal of Chemical Research, Synopses (6), 203 (English) 1993. CODEN: JRPSDC. ISSN: 0308-2342. OTHER SOURCES: CASREACT 120:134344.

IT **152700-52-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 152700-52-2 CAPLUS

CN 5H-Dibenz[b,f]azepine, 5-[3-(3,5-dichloro-2,4,6-trimethylphenyl)-4-methyl-5-isoxazolyl]-10,11-dihydro- (9CI) (CA INDEX NAME)



L9 ANSWER 13 OF 52 CAPLUS COPYRIGHT 2003 ACS

1993:649955 Document No. 119:249955 Tricyclic heterocyclic compounds as angiotensin II receptor antagonists. Ohshima, Etsuo; Kanai, Fumihiko; Sato, Hideyuki; Obase, Hiroyuki; Kumazawa, Toshiaki; Takahara, Shiho; Ohno, Tetsuji; Ishikawa, Tomoko; Yamada, Koji (Kyowa Hakko Kogyo Co., Ltd., Japan). Eur. Pat. Appl. EP 549352 A2 19930630, 72 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1992-311777 19921224. PRIORITY: JP 1991-347294 19911227.

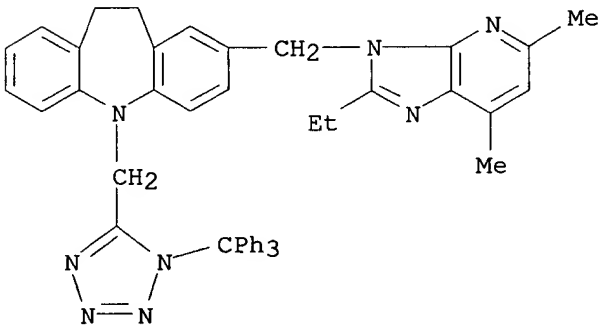
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 549352	A2	19930630	EP 1992-311777	19921224
	EP 549352	A3	19930728		
	EP 549352	B1	20000301		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 06228065	A2	19940816	JP 1992-344117	19921224
	JP 2526005	B2	19960821		
	AT 190058	E	20000315	AT 1992-311777	19921224
	ES 2142817	T3	20000501	ES 1992-311777	19921224

IT **150802-44-1P 150802-52-1P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and angiotensin II receptor antagonist activity of, reaction of)

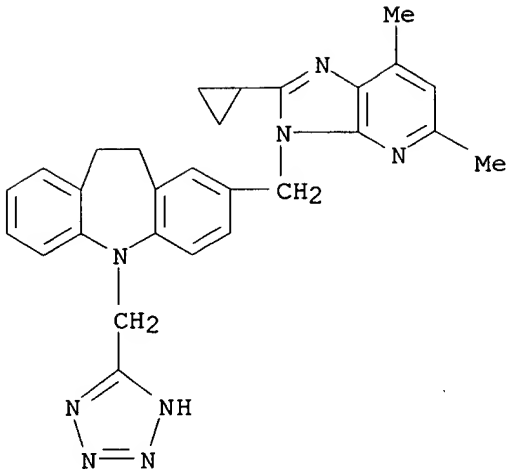
RN 150802-44-1 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-[[1-(triphenylmethyl)-1H-tetrazol-5-yl]methyl]- (9CI) (CA INDEX NAME)



RN 150802-52-1 CAPLUS

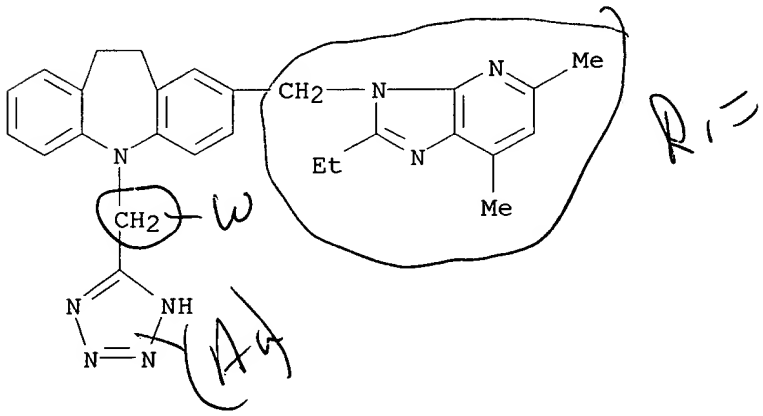
CN 5H-Dibenz[b,f]azepine, 2-[(2-cyclopropyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



IT **150802-50-9P 150802-53-2P 150802-54-3P**
150802-56-5P 150802-63-4P 150802-67-8P
150802-75-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and angiotensin II receptor antagonists activity of)

RN 150802-50-9 CAPLUS

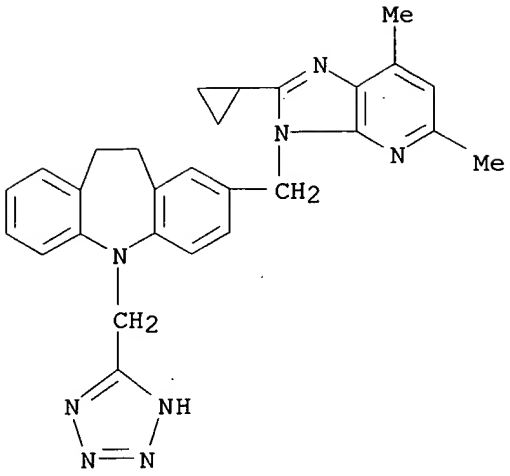
CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



1,3,8,9

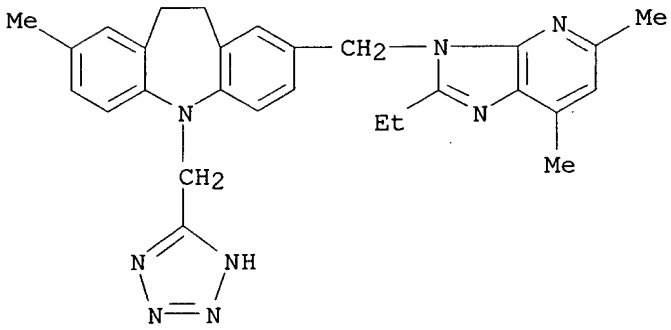
RN 150802-53-2 CAPLUS

CN 5H-Dibenz[b,f]azepine, 2-[(2-cyclopropyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)-, potassium salt (9CI) (CA INDEX NAME)

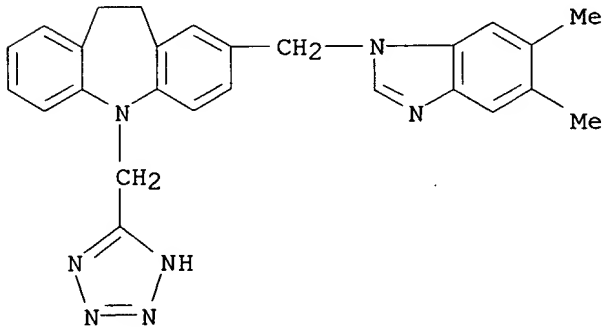


● K

RN 150802-54-3 CAPLUS
CN 5H-Dibenz[b,f]azepine, 2-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl]-10,11-dihydro-8-methyl-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)

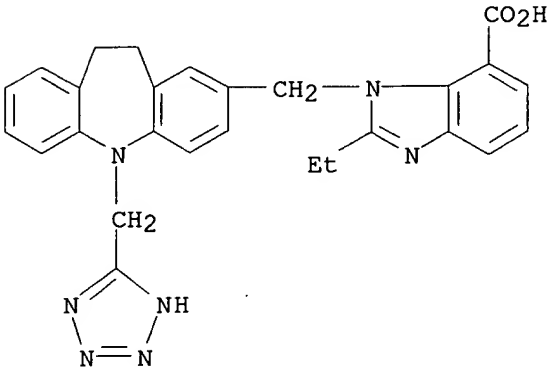


RN 150802-56-5 CAPLUS
CN 5H-Dibenz[b,f]azepine, 2-[(5,6-dimethyl-1H-benzimidazol-1-yl)methyl]-10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)



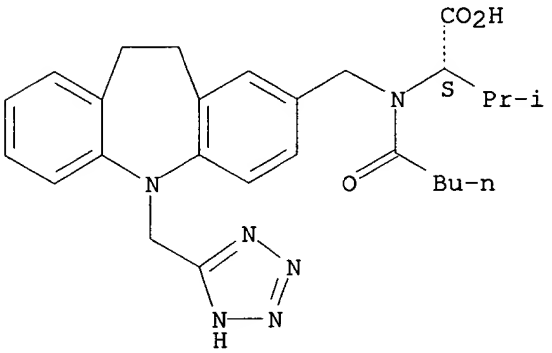
RN 150802-63-4 CAPLUS

CN 1H-Benzimidazole-7-carboxylic acid, 1-[[10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)-5H-dibenz[b,f]azepin-2-yl]methyl]-2-ethyl- (9CI) (CA INDEX NAME)



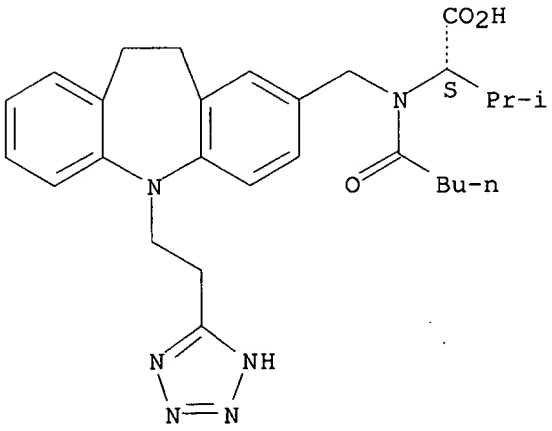
RN 150802-67-8 CAPLUS
CN L-Valine, N-[[10,11-dihydro-5-(1H-tetrazol-5-ylmethyl)-5H-dibenz[b,f]azepin-2-yl]methyl]-N-(1-oxopentyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



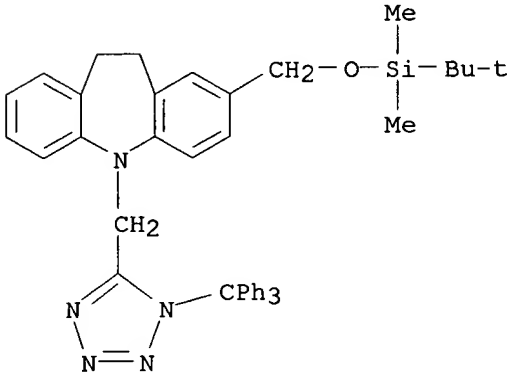
RN 150802-75-8 CAPLUS
CN L-Valine, N-[[10,11-dihydro-5-[2-(1H-tetrazol-5-yl)ethyl]-5H-dibenz[b,f]azepin-2-yl]methyl]-N-(1-oxopentyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

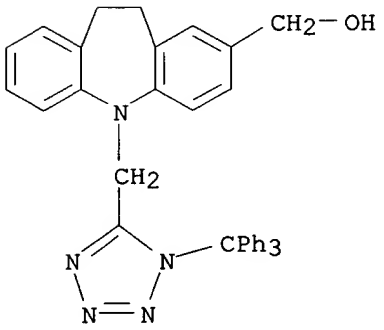


IT **150802-47-4P 150802-49-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of angiotensin II receptor antagonists)

RN 150802-47-4 CAPLUS
CN 5H-Dibenz[b,f]azepine, 2-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]methyl]-10,11-dihydro-5-[[1-(triphenylmethyl)-1H-tetrazol-5-yl]methyl]- (9CI) (CA INDEX NAME)



RN 150802-49-6 CAPLUS
CN 5H-Dibenz[b,f]azepine-2-methanol, 10,11-dihydro-5-[[1-(triphenylmethyl)-1H-tetrazol-5-yl]methyl]- (9CI) (CA INDEX NAME)



L9 ANSWER 22 OF 52 CAPLUS COPYRIGHT 2003 ACS

1997:597991 Document No. 127:257134 Rational design of selective ligands for trypanothione reductase from Trypanosoma cruzi. Structural effects on the inhibition by dibenzazepines based on imipramine. Garforth, Jacqueline; Yin, Hong; McKie, James H.; Douglas, Kenneth T.; Fairlamb, Alan H. (School Pharmacy Pharmaceutical Sciences, Univ. Manchester, Manchester, M13 9PL, UK). Journal of Enzyme Inhibition, 12(3), 161-173 (English) 1997. CODEN: ENINEG. ISSN: 8755-5093. Publisher: Harwood.

IT **196392-53-7**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(dibenzazepine inhibitors as selective ligands for trypanothione reductase from Trypanosoma cruzi)

RN 196392-53-7 CAPLUS

CN 5H-Dibenz[b,f]azepine, 10,11-dihydro-5-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)